

# Search Notes

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V[-Q]ERTIFFKDDGNYKTRAGV

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YLSTQSALS KDPNEKRDH MVLL E FV

YL[-S]TQSALS KDPNEKRDH MVLL E FV

YLS[-T]QSALS KDPNEKRDH MVLL E FV

YLSTQ[-S]ALS KDPNEKRDH MVLL E FV

YLSTQSALS KDPNEKRDH MVLL[-E]FV

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alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
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February 2005  
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian  
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AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
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SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4  
DICTIONARY FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S VQERTIFFKDDGNYKTRAGV/SQSP

L1 0 VQERTIFFKDDGNYKTRAGV/SQSP

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L2 1665 VQERTIFFKDDGNYKTRA/SQSP

=> S V[-Q]ERTIFFKDDGNYKTAEV/SQSP

L3 4 V[-Q]ERTIFFKDDGNYKTAEV/SQSP

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=> S YNS[-H]NVYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP

L6 0 YNS[-H]NVYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP

=> S YNSH[-N]VYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP

L7 0 YNSH[-N]VYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP

=> S YNSHNVYIMADKQKNG[-T]KVNFKIRHNIEDGSV/SQSP

L8 948 YNSHNVYIMADKQKNG[-T]KVNFKIRHNIEDGSV/SQSP

=> S YNSHNVYIMADKQKNGTK[-V]NFKIRHNIEDGSV/SQSP

L9 0 YNSHNVYIMADKQKNGTK[-V]NFKIRHNIEDGSV/SQSP

=> S YNSHNVYIMADKQKNGTKVNF[-K]IRHNIEDGSV/SQSP

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=> S YNSHNVYIMADKQKNGTKVNF[-I]RHNIEDGSV/SQSP

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=> S YNSHNVYIMADKQKNGTKVNF[-R]HNIEDGSV/SQSP

L12 0 YNSHNVYIMADKQKNGTKVNF[-R]HNIEDGSV/SQSP

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=> S YLSTQSALS KDPNEKRDH MVLL [-E] FV/SQSP
L19      11 YLSTQSALS KDPNEKRDH MVLL [-E] FV/SQSP

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=> D COST
COST IN U.S. DOLLARS
CONNECT CHARGES
NETWORK CHARGES
SEARCH CHARGES
FULL ESTIMATED COST

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	SINCE FILE ENTRY	TOTAL SESSION
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	526.80	527.01

IN FILE 'REGISTRY' AT 11:23:38 ON 01 FEB 2005

=> D HIST

(FILE 'HOME' ENTERED AT 11:17:37 ON 01 FEB 2005)

FILE 'REGISTRY' ENTERED AT 11:17:50 ON 01 FEB 2005

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L5      0 S YN [-S] HNVYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP 147
L6      0 S YNS [-H] NVYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP 148
L7      0 S YNSH [-N] VYIMADKQKNGTKVNFKIRHNIEDGSV/SQSP 149
L8      948 S YNSHNVYIMADKQKNG [-T] KVNFKIRHNIEDGSV/SQSP 161
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L10     0 S YNSHNVYIMADKQKNGTKVNF [-K] IRHNIEDGSV/SQSP 166
L11     0 S YNSHNVYIMADKQKNGTKVNF [-I] RHNIEDGSV/SQSP 167
L12     0 S YNSHNVYIMADKQKNGTKVNF [-R] HNIEDGSV/SQSP 168
L13     0 S YNSHNVYIMADKQKNGTKVNFKIR [-H] NIEDGSV/SQSP 169
L14     0 S YNSHNVYIMADKQKNGTKVNFKIRHNIEDG [-S] V/SQSP 175
L15     1180 S YLSTQSALS KDPNEKRDH MVLLFV/SQSP
L16     24 S YL [-S] TQSALS KDPNEKRDH MVLLFV/SQSP 202
L17     367 S YLS [-T] QSALS KDPNEKRDH MVLLFV/SQSP 203
L18     1 S YLSTQ [-S] ALS KDPNEKRDH MVLLFV/SQSP 205
L19     11 S YLSTQSALS KDPNEKRDH MVLL [-E] FV/SQSP 222

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=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE  
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ENTRY	SESSION
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=> S GFP  
L20 63637 GFP

=> S L20 AND (L3 OR L4 OR L8 OR L16 OR L17 OR L18 OR L11)  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
L21 5057 L20 AND (L3 OR L4 OR L8 OR L16 OR L17 OR L18 OR L11)

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PROCESSING IS APPROXIMATELY 43% COMPLETE FOR L21  
PROCESSING IS APPROXIMATELY 70% COMPLETE FOR L21  
PROCESSING COMPLETED FOR L21  
L22 4967 DUP REM L21 (90 DUPLICATES REMOVED)

=> L22 AND PY<1998  
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"HELP COMMANDS" at an arrow prompt (=>).

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3 FILES SEARCHED...  
7 FILES SEARCHED...  
L23 310 L22 AND PY<1998

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ENTER AMOUNT IN U.S. DOLLARS, OR OFF (100):50  
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SET COMMAND COMPLETED

=> D L23 BIB

L23 ANSWER 1 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:843826 CAPLUS  
DN 135:367803

TI Modified green fluorescent proteins of Aequorea  
IN Tsien, Roger Y.; Heim, Roger  
PA Regents of the University of California, USA  
SO U.S., 20 pp., Cont.-in-part of U.S. 5,625,048.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6319669	B1	20011120	US 1997-727452	19970320
	US 5625048	A	19970429	US 1994-337915	19941110 <--
	CA 2343586	AA	19960808	CA 1995-2343586	19951113 <--
	WO 9623810	A1	19960808	WO 1995-US14692	19951113 <--
	W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	EP 1104769	A2	20010606	EP 2001-105011	19951113
	EP 1104769	A3	20020918		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	US 5777079	A	19980707	US 1996-753143	19961120
PRAI	US 1994-337915	A2	19941110		
	WO 1995-US14692	W	19951113		
	CA 1995-2205006	A3	19951113		
	EP 1995-939898	A3	19951113		
	US 1996-727452	A3	19961018		

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D L23 BIB 2-310

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L23 ANSWER 2 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2000:78873 CAPLUS  
DN 132:133209

TI Humanized green fluorescent protein genes with preferred codon usage for

expression in mammalian cells  
 IN Muzyczka, Nicholas; Zolotukhin, Sergei; Hauswirth, William  
 PA University of Florida, USA  
 SO U.S., 70 pp., Cont.-in-part of U.S. Ser. No. 588,201.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6020192	A	20000201	US 1997-893327	19970716
	US 5874304	A	19990223	US 1996-588201	19960118
	CA 2243088	AA	19970724	CA 1997-2243088	19970117 <--
	US 5968750	A	19991019	US 1998-169605	19981009
PRAI	US 1996-588201	A2	19960118		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1997:746155 CAPLUS  
 DN 128:46118  
 TI Mutant Aequorea victoria fluorescent proteins having increased cellular fluorescence  
 IN Pavlakis, George N.; Gaitanaris, George A.; Stauber, Roland H.; Vournakis, John N.  
 PA United States Dept. of Health and Human Services, USA  
 SO PCT Int. Appl., 105 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9742320	A1	19971113	WO 1997-US7625	19970507 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 6027881	A	20000222	US 1996-646538	19960508
	CA 2184763	AA	19971109	CA 1996-2184763	19960904 <--
	AU 9728290	A1	19971126	AU 1997-28290	19970507 <--
	AU 734239	B2	20010607		
	EP 900274	A1	19990310	EP 1997-922686	19970507
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000509987	T2	20000808	JP 1997-540143	19970507
	US 6265548	B1	20010724	US 2000-503222	20000211
PRAI	US 1996-646538	A	19960508		
	WO 1997-US7625	W	19970507		

L23 ANSWER 4 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1997:740309 CAPLUS  
 DN 128:20665  
 TI Green fluorescent protein expression constructs for use as a screenable marker for plant transformation  
 IN Gordon-Kamm, William; Pierce, Dorothy A.; Bowen, Benjamin; Bidney, Dennis; Ross, Margit; Scelonge, Christopher; Miller, Mike; Sandahl, Gary; Wang, Lijuan  
 PA Pioneer Hi-Bred International, Inc., USA  
 SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9741228	A2	19971106	WO 1997-US7688	19970501 <--
	WO 9741228	A3	19971211		
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	CA 2252412	AA	19971106	CA 1997-2252412	19970501 <--
	AU 9729983	A1	19971119	AU 1997-29983	19970501 <--
	AU 730927	B2	20010322		
	EP 904371	A2	19990331	EP 1997-924601	19970501
	EP 904371	B1	20040922		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	AT 277177	E	20041015	AT 1997-924601	19970501
	US 6486382	B1	20021126	US 1999-214909	19991220
PRAI	US 1996-16345P	P	19960501		
	WO 1997-US7688	W	19970501		

L23 ANSWER 5 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:508629 CAPLUS

DN 127:231520

TI Use of a bicistronic GFP-expression vector to characterize ion channels after transfection in mammalian cells

AU Trouet, Dominique; Nilius, Bernd; Voets, Thomas; Droogmans, G.; Eggermont, J.

CS Laboratorium voor Fysiologie, Herestraat 49, Louvain, B-3000, Belg.

SO Pfluegers Archiv (1997), 434(5), 632-638

CODEN: PFLABK; ISSN: 0031-6768

PB Springer

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 6 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:499249 CAPLUS

DN 127:186624

TI Genes for green fluorescent protein with codon usage optimized for high-level expression in human cells

IN Zolotukhin, Sergei; Muzyczka, Nicholas; Hauswirth, William W.

PA University of Florida Research Foundation, Inc., USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9726333	A1	19970724	WO 1997-US755	19970117 <--
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IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,  
MR, NE, SN, TD, TG

US 5874304	A	19990223	US 1996-588201	19960118
CA 2243088	AA	19970724	CA 1997-2243088	19970117 <--
AU 9717502	A1	19970811	AU 1997-17502	19970117 <--
AU 730842	B2	20010315		
EP 874903	A1	19981104	EP 1997-904799	19970117
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JP 2000503536	T2	20000328	JP 1997-526204	19970117
NZ 330957	A	20000623	NZ 1997-330957	19970117
US 5968750	A	19991019	US 1998-169605	19981009
PRAI US 1996-588201	A2	19960118		
WO 1997-US755	W	19970117		

L23 ANSWER 7 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:476304 CAPLUS

DN 127:105220

TI Monitoring DNA binding molecules in living cells containing a steroid  
receptor response element array using a fluorescent chimeric protein of  
the steroid receptor

IN Htun, Han; Hager, Gordon L.

PA United States Dept. of Health and Human Services, USA; Htun, Han; Hager,  
Gordon L.

SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9720931	A1	19970612	WO 1996-US19516	19961206 <--
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2239951	AA	19970612	CA 1996-2239951	19961206 <--
	AU 9712834	A1	19970627	AU 1997-12834	19961206 <--
	US 6455300	B1	20020924	US 1999-91042	19990212
	US 2003082642	A1	20030501	US 2001-1486	20011115
PRAI	US 1995-8373P	P	19951208		
	WO 1996-US19516	W	19961206		
	US 1999-91042	A3	19990212		

L23 ANSWER 8 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:330574 CAPLUS

DN 127:45697

TI Enhanced expression in tobacco of the gene encoding green fluorescent  
protein by modification of its codon usage

AU Rouwendal, Gerard J.A.; Mendes, Odette; Wolbert, Emil J.H.; De Boer, A.  
Douwe

CS Department of Plant Molecular Regulation and Quality, Agrotechnological  
Research Institute (ATO-DLO), Wageningen, 6708 PD, Neth.

SO Plant Molecular Biology (1997), 33(6), 989-999

CODEN: PMBIDB; ISSN: 0167-4412

PB Kluwer

DT Journal

LA English

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD

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L23 ANSWER 9 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1997:199648 CAPLUS  
DN 126:272927  
TI Removal of a cryptic intron and subcellular localization of green  
fluorescent protein are required to mark transgenic Arabidopsis plants  
brightly  
AU Haseloff, Jim; Siemering, Kirby R.; Prasher, Douglas C.; Hodge, Sarah  
CS Division of Cell Biology, Medical Research Council Laboratory of Molecular  
Biology, Cambridge, CB2 2QH, UK  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1997), 94(6), 2122-2127  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English  
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 10 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1997:123478 CAPLUS  
DN 126:221181  
TI Yeast-enhanced green fluorescent protein (yEGFP): a reporter of gene  
expression in Candida albicans  
AU Cormack, Brendan P.; Bertram, Gwyneth; Egerton, Mark; Gow, Neil A. R.;  
Falkow, Stanley; Brown, Alistair J. P.  
CS Department of Microbiology and Immunology, Stanford University School of  
Medicine, Stanford, CA, 94305-5402, USA  
SO Microbiology (Reading, United Kingdom) (1997), 143(2), 303-311  
CODEN: MROBEO; ISSN: 1350-0872  
PB Society for General Microbiology  
DT Journal  
LA English  
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 11 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:605490 CAPLUS  
DN 125:240216  
TI Reporter gene systems based upon green fluorescent protein for detection  
of intermediates in cAMP or protein kinase mediated signal transduction  
IN Thastrup, Ole; Tullin, Soeren; Poulsen, Lars Kongsbak; Bjoern, Sara  
Petersen  
PA Novo Nordisk A/s, Den.  
SO PCT Int. Appl., 47 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9623898	A1	19960808	WO 1996-DK52	19960131 <--
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE				
CA 2217700	AA	19960808	CA 1996-2217700	19960131 <--
CA 2217700	C	20021217		
AU 9644830	A1	19960821	AU 1996-44830	19960131 <--
EP 815257	A1	19980107	EP 1996-900891	19960131
EP 815257	B1	20020102		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV

EP 1143011 A2 20011010 EP 2001-112115 19960131  
EP 1143011 A3 20040331

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV

AT 211506 E 20020115 AT 1996-900891 19960131  
ES 2170220 T3 20020801 ES 1996-900891 19960131  
US 5958713 A 19990928 US 1997-818604 19970314  
US 6566083 B1 20030520 US 1999-346946 19990702

PRAI DK 1995-110 A 19950131  
DK 1995-982 A 19950907

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EP 1996-900891 A3 19960131  
WO 1996-DK52 W 19960131  
US 1997-818604 A1 19970314

L23 ANSWER 12 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:601742 CAPLUS  
DN 125:241378  
TI Green fluorescent protein variants with altered fluorescence excitation  
and/or emission spectra and their use in monitoring of gene expression  
IN Tsien, Roger Y.; Heim, Roger  
PA The Regents of the University of California, USA  
SO PCT Int. Appl., 37 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9623810	A1	19960808	WO 1995-US14692	19951113 <--
	W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5625048	A	19970429	US 1994-337915	19941110 <--
	CA 2205006	AA	19960808	CA 1995-2205006	19951113 <--
	CA 2205006	C	20010724		
	CA 2343586	AA	19960808	CA 1995-2343586	19951113 <--
	AU 9641550	A1	19960821	AU 1996-41550	19951113 <--
	AU 702205	B2	19990218		
	EP 804457	A1	19971105	EP 1995-939898	19951113 <--
	EP 804457	B1	20010606		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	JP 10509881	T2	19980929	JP 1996-520626	19951113
	JP 3283523	B2	20020520		
	EP 1104769	A2	20010606	EP 2001-105011	19951113
	EP 1104769	A3	20020918		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	PT 804457	T	20010928	PT 1995-939898	19951113
	ES 2159650	T3	20011016	ES 1995-939898	19951113
	US 5777079	A	19980707	US 1996-753143	19961120
	US 6319669	B1	20011120	US 1997-727452	19970320
	GR 3036264	T3	20011031	GR 2001-401113	20010724
	US 2002123113	A1	20020905	US 2001-24686	20011217
	US 6800733	B2	20041005		
PRAI	US 1994-337915	A2	19941110		
	CA 1995-2205006	A3	19951113		
	EP 1995-939898	A3	19951113		
	WO 1995-US14692	W	19951113		
	US 1996-727452	A3	19961018		

US 1996-753144 A3 19961120  
US 1998-57995 A1 19980409

L23 ANSWER 13 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:407699 CAPLUS  
DN 125:133998  
TI FACS-optimized mutants of the green fluorescent protein (GFP)  
AU Cormack, Brendan P.; Valdivia, Raphael H.; Falkow, Stanley  
CS Department of Microbiology and Immunology, Stanford University School of  
Medicine, Stanford, CA, 94305-5402, USA  
SO Gene (1996), 173(1, Fluorescent Proteins and Applications),  
33-38  
CODEN: GENED6; ISSN: 0378-1119  
PB Elsevier  
DT Journal  
LA English

L23 ANSWER 14 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:358333 CAPLUS  
DN 125:77771  
TI A "humanized" green fluorescent protein cDNA adapted for high-level  
expression in mammalian cells  
AU Zolotukhin, Sergei; Potter, Mark; Hauswirth, William W.; Guy, John;  
Muzyczka, Nicholas  
CS Dep. Mol. Genetics Microbiol., Univ. Florida, Gainesville, FL, 32610, USA  
SO Journal of Virology (1996), 70(7), 4646-4654  
CODEN: JOVIAM; ISSN: 0022-538X  
PB American Society for Microbiology  
DT Journal  
LA English

L23 ANSWER 15 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:887988 CAPLUS  
DN 123:309905  
TI Recombinant preparation of bioluminescent indicator pre-colenterazine of  
Aequorea victoria  
IN Ward, William; Chalfie, Martin  
PA USA  
SO PCT Int. Appl., 55 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9521191	A1	19950810	WO 1995-US1425	19950203 <--
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5741668	A	19980421	US 1995-452295	19950526
PRAI	US 1994-192158	A	19940204		

L23 ANSWER 16 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1994:211789 CAPLUS  
DN 120:211789  
TI Green fluorescent protein as a marker for gene expression  
AU Chalfie, Martin; Tu, Yuan; Euskirchen, Ghia; Ward, William W.; Prasher,  
Douglas C.  
CS Dep. Biol. Sci., Columbia Univ., New York, NY, 10027, USA  
SO Science (Washington, DC, United States) (1994), 263(5148), 802-5  
CODEN: SCIEAS; ISSN: 0036-8075  
DT Journal  
LA English

L23 ANSWER 17 OF 310 CAPLUS COPYRIGHT 2005 ACS on STN



AN 1993:207762 CAPLUS  
 DN 118:207762  
 TI Primary structure of the Aequorea victoria green-fluorescent protein  
 AU Prasher, Douglas C.; Eckenrode, Virginia K.; Ward, William W.;  
 Prendergast, Frank G.; Cormier, Miltron J.  
 CS Biol. Dep., Woods Hole Oceanogr. Inst., Woods Hole, MA, 02543, USA  
 SO Gene (1992), 111(2), 229-33  
 CODEN: GENED6; ISSN: 0378-1119  
 DT Journal  
 LA English

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L23 ANSWER 18 OF 310 MEDLINE on STN  
 AN 1999080563 MEDLINE  
 DN PubMed ID: 9863195  
 TI Expression of green fluorescent protein with baculovirus vector in insect cells.  
 AU Zhu F; Qi Y; Huang Y; Hu J  
 CS Institute of Virology, Wuhan University.  
 SO Wei sheng wu xue bao = Acta microbiologica Sinica, (1997 Feb) 37  
 (1) 15-20.  
 Journal code: 21610860R. ISSN: 0001-6209.  
 CY China  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA Chinese  
 FS Priority Journals  
 EM 199902  
 ED Entered STN: 19990223  
 Last Updated on STN: 19990223  
 Entered Medline: 19990210

L23 ANSWER 19 OF 310 MEDLINE on STN  
 AN 1999076898 MEDLINE  
 DN PubMed ID: 9859801  
 TI Comparative analysis of wildtype and mutant forms of GFP.  
 AU Ciccocioppo R; Dell'Arciprete R; Marra P; Alberti S  
 CS Department of Cell Biology and Oncology, Consorzio Mario Negri Sud, Santa Maria Imbaro (Chieti), Italy.  
 SO European journal of histochemistry : EJH, (1997) 41 Suppl 2  
 97-8.  
 Journal code: 9207930. ISSN: 1121-760X.  
 CY Italy  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199903  
 ED Entered STN: 19990402  
 Last Updated on STN: 19990402  
 Entered Medline: 19990323

L23 ANSWER 20 OF 310 MEDLINE on STN  
 AN 1998298494 MEDLINE  
 DN PubMed ID: 9634755  
 TI Red-shifted excitation mutants of the green fluorescent protein.  
 CM Comment in: Biotechnology (N Y). 1995 Feb;13(2):103. PubMed ID: 9678925  
 AU Delagrave S; Hawtin R E; Silva C M; Yang M M; Youvan D C  
 CS Palo Alto Institute of Molecular Medicine, Mountain View, CA 94043, USA.  
 NC GM42645 (NIGMS)  
 SO Bio/technology (Nature Publishing Company), (1995 Feb) 13 (2)  
 151-4.  
 Journal code: 8309273. ISSN: 0733-222X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Biotechnology

EM 199807  
ED Entered STN: 19980731  
Last Updated on STN: 19980731  
Entered Medline: 19980717

L23 ANSWER 21 OF 310 MEDLINE on STN  
AN 1998294720 MEDLINE  
DN PubMed ID: 9631259  
TI Fusion expression of green fluorescent protein and HCV capsid antigene in Escherichia coli cells.  
AU Yue L; Qi Y; Lin H; Su F; Deng X  
CS Institute of Virology, Wuhan University, China.  
SO Chinese journal of biotechnology, (1997) 13 (4)-239-46.  
Journal code: 9100855. ISSN: 1042-749X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199808  
ED Entered STN: 19980903  
Last Updated on STN: 20021008  
Entered Medline: 19980826

L23 ANSWER 22 OF 310 MEDLINE on STN  
AN 1998294544 MEDLINE  
DN PubMed ID: 9631088  
TI Spatial dynamics of GFP-tagged proteins investigated by local fluorescence enhancement.  
CM Comment in: Nat Biotechnol. 1996 Oct;14(10):1221. PubMed ID: 9631080  
AU Yokoe H; Meyer T  
CS Department of Cell Biology, Duke University Medical Center, Durham, NC 27710, USA.  
NC GM-48113 (NIGMS)  
GM-51457 (NIGMS)  
SO Nature biotechnology, (1996 Oct) 14 (10) 1252-6.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 20000303  
Entered Medline: 19980714

L23 ANSWER 23 OF 310 MEDLINE on STN  
AN 1998294543 MEDLINE  
DN PubMed ID: 9631087  
TI The molecular structure of green fluorescent protein.  
AU Yang F; Moss L G; Phillips G N Jr  
CS Department of Biochemistry and Cell Biology, Rice University, Houston, TX 77005-1892, USA.  
NC AR40252 (NIAMS)  
DK34447 (NIDDK)  
DK34928 (NIDDK)  
SO Nature biotechnology, (1996 Oct) 14 (10) 1246-51.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 19980723

Entered Medline: 19980714

L23 ANSWER 24 OF 310 MEDLINE on STN  
AN 1998294535 MEDLINE  
DN PubMed ID: 9631079  
TI Structure and fluorescence mechanism of GFP.  
AU Youvan D C; Michel-Beyerle M E  
SO Nature biotechnology, (1996 Oct) 14 (10) 1219-20.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT News Announcement  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 19980723  
Entered Medline: 19980714

L23 ANSWER 25 OF 310 MEDLINE on STN  
AN 1998294407 MEDLINE  
DN PubMed ID: 9630951  
TI Use of green fluorescent protein variants to monitor gene transfer and expression in mammalian cells.  
CM Comment in: Nat Biotechnol. 1996 May;14(5):576. PubMed ID: 9630941  
AU Cheng L; Fu J; Tsukamoto A; Hawley R G  
CS Research Division, SyStemix, Inc., Palo Alto, CA 94304, USA..  
lcheng@stem.com  
SO Nature biotechnology, (1996 May) 14 (5) 606-9.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 19980723  
Entered Medline: 19980714

L23 ANSWER 26 OF 310 MEDLINE on STN  
AN 1998294358 MEDLINE  
DN PubMed ID: 9630902  
TI DNA shuffling brightens prospects for GFP.  
AU Matsumura I; Ellington A D  
CS Department of Chemistry, Indiana University, Bloomington 47405, USA..  
imatsuru@sunflower.bio.indiana.edu  
SO Nature biotechnology, (1996 Mar) 14 (3) 366.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 19980723  
Entered Medline: 19980714

L23 ANSWER 27 OF 310 MEDLINE on STN  
AN 1998294348 MEDLINE  
DN PubMed ID: 9630892  
TI Improved green fluorescent protein by molecular evolution using DNA shuffling.  
AU Cramer A; Whitehorn E A; Tate E; Stemmer W P  
CS Affymax Research Institute, Palo Alto, CA 94304, USA.  
SO Nature biotechnology, (1996 Mar) 14 (3) 315-9.

Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980723  
Last Updated on STN: 19980723  
Entered Medline: 19980714

L23 ANSWER 28 OF 310 MEDLINE on STN

AN 1998247139 MEDLINE

DN PubMed ID: 9586047

TI Construction of a novel conjugative plasmid harboring a **GFP** reporter gene and its introduction into animal cells by transfection and trans-kingdom conjugation.

AU Yoshida K; Takegami T; Katoh A; Nishikawa M; Nishida T

CS Department of Biological Science, Hiroshima University, Japan.

SO Nucleic acids symposium series, (1997) (37) 157-8.

Journal code: 8007206. ISSN: 0261-3166.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199807

ED Entered STN: 19980731

Last Updated on STN: 19980731

Entered Medline: 19980723

L23 ANSWER 29 OF 310 MEDLINE on STN

AN 1998207742 MEDLINE

DN PubMed ID: 9546076

TI Applications of green fluorescent protein as a marker of retroviral vectors.

AU Kandel E S; Chang B D; Schott B; Shtil A A; Gudkov A V; Roninson I B

CS Department of Molecular Genetics, University of Illinois at Chicago 60607-7170, USA.

NC R01CA56736 (NCI)

R01CA62099 (NCI)

R37CA40333 (NCI)

SO Somatic cell and molecular genetics, (1997 Sep) 23 (5) 325-40.

Journal code: 8403568. ISSN: 0740-7750.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199804

ED Entered STN: 19980507

Last Updated on STN: 19980507

Entered Medline: 19980424

L23 ANSWER 30 OF 310 MEDLINE on STN

AN 1998170313 MEDLINE

DN PubMed ID: 9509573

TI Green fluorescent protein as a reporter for the DNA damage-induced gene RAD54 in *Saccharomyces cerevisiae*.

AU Walmsley R M; Billinton N; Heyer W D

CS Department of Biomolecular Sciences, UMIST, Manchester, U.K.

SO Yeast (Chichester, England), (1997 Dec) 13 (16) 1535-45.

Journal code: 8607637. ISSN: 0749-503X.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199804  
ED Entered STN: 19980416  
Last Updated on STN: 19980416  
Entered Medline: 19980408

L23 ANSWER 31 OF 310 MEDLINE on STN  
AN 1998124220 MEDLINE  
DN PubMed ID: 9464573  
TI Genetic construction, properties and application of a green fluorescent protein-tagged ciliary neurotrophic factor.  
AU Negro A; Grassato L; Polverino De Laureto P; Skaper S D  
CS Department of Biological Chemistry, CRIBI, University of Padova, Italy.  
SO Protein engineering, (1997 Sep) 10 (9) 1077-83.  
Journal code: 8801484. ISSN: 0269-2139.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199804  
ED Entered STN: 19980422  
Last Updated on STN: 20000303  
Entered Medline: 19980414

L23 ANSWER 32 OF 310 MEDLINE on STN  
AN 1998121204 MEDLINE  
DN PubMed ID: 9461306  
TI Intracellular distribution of an integral nuclear pore membrane protein fused to green fluorescent protein--localization of a targeting domain.  
AU Soderqvist H; Imreh G; Kihlmark M; Linnman C; Ringertz N; Hallberg E  
CS Department of Biochemistry, Stockholm University, Sweden.  
SO European journal of biochemistry / FEBS, (1997 Dec 15) 250 (3) 808-13.  
Journal code: 0107600. ISSN: 0014-2956.  
CY GERMANY: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980312  
Last Updated on STN: 19980312  
Entered Medline: 19980227

L23 ANSWER 33 OF 310 MEDLINE on STN  
AN 1998107617 MEDLINE  
DN PubMed ID: 9447928  
TI Green fluorescent protein as a reporter for gene transfer studies in the cochlea.  
AU Lalwani A K; Han J J; Walsh B J; Zolotukhin S; Muzyczka N; Mhatre A N  
CS Epstein Laboratories, Department of Otolaryngology-Head and Neck Surgery, University of California San Francisco, 94117, USA.. lalwani@itsa.ucsf.edu  
NC 1 KO8 DC 00112 (NIDCD)  
DK47766 (NIDDK)  
SO Hearing research, (1997 Dec) 114 (1-2) 139-47.  
Journal code: 7900445. ISSN: 0378-5955.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199803  
ED Entered STN: 19980312  
Last Updated on STN: 19980312  
Entered Medline: 19980303

L23 ANSWER 34 OF 310 MEDLINE on STN

AN 1998104235 MEDLINE  
 DN PubMed ID: 9441668  
 TI High-frequency generation of transgenic zebrafish which reliably express GFP in whole muscles or the whole body by using promoters of zebrafish origin.  
 AU Higashijima S; Okamoto H; Ueno N; Hotta Y; Eguchi G  
 CS PRESTO, Japan Science and Technology Corporation (JST), Japan.  
 SO Developmental biology, (1997 Dec 15) 192 (2) 289-99.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199802  
 ED Entered STN: 19980226  
 Last Updated on STN: 19980226  
 Entered Medline: 19980213

L23 ANSWER 35 OF 310 MEDLINE on STN  
 AN 1998087269 MEDLINE  
 DN PubMed ID: 9427397  
 TI Helicobacter pylori toxin VacA induces vacuole formation by acting in the cell cytosol.  
 AU de Bernard M; Arico B; Papini E; Rizzuto R; Grandi G; Rappuoli R; Montecucco C  
 CS Centro CNR Biomembrane and Dipartimento di Scienze Biomediche Sperimentali dell'Universita di Padova, Italy.  
 SO Molecular microbiology, (1997 Nov) 26 (4) 665-74.  
 Journal code: 8712028. ISSN: 0950-382X.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199802  
 ED Entered STN: 19980226  
 Last Updated on STN: 19980226  
 Entered Medline: 19980219

L23 ANSWER 36 OF 310 MEDLINE on STN  
 AN 1998087246 MEDLINE  
 DN PubMed ID: 9427374  
 TI Green fluorescent protein as a reporter for retrovirus and helper virus-free HSV-1 amplicon vector-mediated gene transfer into neural cells in culture and in vivo.  
 AU Aboody-Guterman K S; Pechan P A; Rainov N G; Sena-Esteves M; Jacobs A; Snyder E Y; Wild P; Schraner E; Tobler K; Breakefield X O; Fraefel C  
 CS Molecular Neurogenetics Unit, Massachusetts General Hospital, Harvard Medical School, Boston, USA.  
 NC HD18655 (NICHD)  
 NS33852 (NINDS)  
 NS34247 (NINDS)  
 +  
 SO Neuroreport, (1997 Dec 1) 8 (17) 3801-8.  
 Journal code: 9100935. ISSN: 0959-4965.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199802  
 ED Entered STN: 19980226  
 Last Updated on STN: 19980226  
 Entered Medline: 19980217

L23 ANSWER 37 OF 310 MEDLINE on STN

AN 1998086587 MEDLINE  
DN PubMed ID: 9425450  
TI Rapid identification of viable retrovirus-transduced cells using the green fluorescent protein as a marker.  
AU Klein D; Indraccolo S; von Rombs K; Amadori A; Salmons B; Gunzburg W H  
CS Institute of Virology, University of Veterinary Sciences, Vienna, Austria.  
SO Gene therapy, (1997 Nov) 4 (11) 1256-60.  
Journal code: 9421525. ISSN: 0969-7128.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980217  
Last Updated on STN: 19980217  
Entered Medline: 19980204

L23 ANSWER 38 OF 310 MEDLINE on STN  
AN 1998079963 MEDLINE  
DN PubMed ID: 9418740  
TI Real-time, noninvasive in vivo assessment of adeno-associated virus-mediated retinal transduction.  
AU Bennett J; Duan D; Engelhardt J F; Maguire A M  
CS Department of Ophthalmology, Scheie Eye Institute, University of Pennsylvania School of Medicine, Philadelphia 19104-6069, USA.  
NC RO1 DK/HL51887 (NIDDK)  
RO1 EY10820-01 (NEI)  
SO Investigative ophthalmology & visual science, (1997 Dec) 38 (13) 2857-63.  
Journal code: 7703701. ISSN: 0146-0404.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980129  
Last Updated on STN: 19980129  
Entered Medline: 19980112

L23 ANSWER 39 OF 310 MEDLINE on STN  
AN 1998077014 MEDLINE  
DN PubMed ID: 9415306  
TI A GFP reporter system to assess gene transfer and expression in human hematopoietic progenitor cells.  
AU Cheng L; Du C; Murray D; Tong X; Zhang Y A; Chen B P; Hawley R G  
CS SyStemix, Inc. Palo Alto, CA, USA.  
SO Gene therapy, (1997 Oct) 4 (10) 1013-22.  
Journal code: 9421525. ISSN: 0969-7128.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980129  
Last Updated on STN: 19980129  
Entered Medline: 19980115

L23 ANSWER 40 OF 310 MEDLINE on STN  
AN 1998075892 MEDLINE  
DN PubMed ID: 9415410  
TI Use of a membrane-localized green fluorescent protein allows simultaneous identification of transfected cells and cell cycle analysis by flow cytometry.  
AU Kalejta R F; Shenk T; Beavis A J

CS Department of Molecular Biology, Princeton University, New Jersey  
08544-1014, USA.  
SO Cytometry : journal of the Society for Analytical Cytology, (1997 Dec  
1) 29 (4) 286-91.  
Journal code: 8102328. ISSN: 0196-4763.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980116

L23 ANSWER 41 OF 310 MEDLINE on STN  
AN 1998075855 MEDLINE  
DN PubMed ID: 9415373  
TI A synergy of technologies: combining laser microsurgery with green  
fluorescent protein tagging.  
AU Khodjakov A; Cole R W; Rieder C L  
CS Division of Molecular Medicine, Wadsworth Center, Albany, New York  
12201-0509, USA.  
NC GMS 40198 (NIGMS)  
P41-RR 01219 (NCRR)  
SO Cell motility and the cytoskeleton, (1997) 38 (4) 311-7. Ref:  
36  
Journal code: 8605339. ISSN: 0886-1544.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980224  
Last Updated on STN: 19980224  
Entered Medline: 19980212

L23 ANSWER 42 OF 310 MEDLINE on STN  
AN 1998074610 MEDLINE  
DN PubMed ID: 9413130  
TI Study of adenovirus production in serum-free 293SF suspension culture by  
GFP-expression monitoring.  
AU Cote J; Bourget L; Garnier A; Kamen A  
CS Biotechnology Research Institute, National Research Council Canada,  
Montreal, Quebec, Canada.  
SO Biotechnology progress, (1997 Nov-Dec) 13 (6) 709-14.  
Journal code: 8506292. ISSN: 8756-7938.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Biotechnology  
EM 199802  
ED Entered STN: 19980312  
Last Updated on STN: 19980312  
Entered Medline: 19980227

L23 ANSWER 43 OF 310 MEDLINE on STN  
AN 1998072416 MEDLINE  
DN PubMed ID: 9409758  
TI Nuclear translocation of the Y-box binding protein by ultraviolet  
irradiation.  
AU Koike K; Uchiumi T; Ohga T; Toh S; Wada M; Kohno K; Kuwano M  
CS Department of Biochemistry, Kyushu University School of Medicine, Fukuoka,



Japan.. xtckk@biochem1.med.kyushu-u.ac.jp  
SO FEBS letters, (1997 Nov 17) 417 (3) 390-4.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980120

L23 ANSWER 44 OF 310 MEDLINE on STN  
AN 1998072409 MEDLINE  
DN PubMed ID: 9409751  
TI Glycogenin, the primer of glycogen synthesis, binds to actin.  
AU Baque S; Guinovart J J; Ferrer J C  
CS Departament de Bioquímica i Biologia Molecular, Universitat de Barcelona, Spain.  
SO FEBS letters, (1997 Nov 17) 417 (3) 355-9.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980120

L23 ANSWER 45 OF 310 MEDLINE on STN  
AN 1998072339 MEDLINE  
DN PubMed ID: 9409681  
TI Green Fluorescent Protein in the sea urchin: new experimental approaches to transcriptional regulatory analysis in embryos and larvae.  
AU Arnone M I; Bogarad L D; Collazo A; Kirchhamer C V; Cameron R A; Rast J P; Gregorians A; Davidson E H  
CS Division of Biology and Stowers Institute for Medical Research, California Institute of Technology, Pasadena 91125, USA.  
SO Development (Cambridge, England), (1997 Nov) 124 (22) 4649-59.  
Journal code: 8701744. ISSN: 0950-1991.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980122

L23 ANSWER 46 OF 310 MEDLINE on STN  
AN 1998070403 MEDLINE  
DN PubMed ID: 9405437  
TI Multisite phosphorylation and the nuclear localization of phosphatase inhibitor 2-green fluorescent protein fusion protein during S phase of the cell growth cycle.  
AU Kakinoki Y; Somers J; Brautigan D L  
CS Center for Cell Signaling, University of Virginia Health Sciences Center, Charlottesville, Virginia 22908, USA.  
NC GM-56362 (NIGMS)  
SO Journal of biological chemistry, (1997 Dec 19) 272 (51) 32308-14.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980122

L23 ANSWER 47 OF 310 MEDLINE on STN

AN 1998060842 MEDLINE

DN PubMed ID: 9396752

TI Direct visualization of the translocation of the gamma-subspecies of protein kinase C in living cells using fusion proteins with green fluorescent protein.

AU Sakai N; Sasaki K; Ikegaki N; Shirai Y; Ono Y; Saito N

CS Laboratory of Molecular Pharmacology, Biosignal Research Center, Faculty of Science, Kobe University, Kobe 657, Japan.

SO Journal of cell biology, (1997 Dec 15) 139 (6) 1465-76.

Journal code: 0375356. ISSN: 0021-9525.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199801

ED Entered STN: 19980129

Last Updated on STN: 19980129

Entered Medline: 19980113

L23 ANSWER 48 OF 310 MEDLINE on STN

AN 1998054010 MEDLINE

DN PubMed ID: 9393861

TI The MinE ring: an FtsZ-independent cell structure required for selection of the correct division site in E. coli.

AU Raskin D M; de Boer P A

CS Department of Molecular Biology and Microbiology, Case Western Reserve University School of Medicine, Cleveland, Ohio 44106-4960, USA.

NC T32GM08056 (NIGMS)

SO Cell, (1997 Nov 28) 91 (5) 685-94.

Journal code: 0413066. ISSN: 0092-8674.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199712

ED Entered STN: 19980116

Last Updated on STN: 20030111

Entered Medline: 19971229

L23 ANSWER 49 OF 310 MEDLINE on STN

AN 1998053865 MEDLINE

DN PubMed ID: 9393716

TI The 2microm-plasmid-encoded Rep1 and Rep2 proteins interact with each other and colocalize to the Saccharomyces cerevisiae nucleus.

AU Ahn Y T; Wu X L; Biswal S; Velmurugan S; Volkert F C; Jayaram M

CS Department of Microbiology, University of Texas at Austin, 78712, USA.

SO Journal of bacteriology, (1997 Dec) 179 (23) 7497-506.

Journal code: 2985120R. ISSN: 0021-9193.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199712

ED Entered STN: 19980116

Last Updated on STN: 19980116

Entered Medline: 19971230

L23 ANSWER 50 OF 310 MEDLINE on STN  
AN 1998052093 MEDLINE  
DN PubMed ID: 9390391  
TI Dynamics of GFP-coronin and eupodia in live Dictyostelium  
observed with real-time confocal optics.  
AU Fukui Y; de Hostos E L; Inoue S  
CS Marine Biological Laboratory, Woods Hole, Massachusetts 02543, USA.  
SO Biological bulletin, (1997 Oct) 193 (2) 224-5.  
Journal code: 2984727R. ISSN: 0006-3185.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980226  
Last Updated on STN: 19980226  
Entered Medline: 19980217

L23 ANSWER 51 OF 310 MEDLINE on STN  
AN 1998050888 MEDLINE  
DN PubMed ID: 9390522  
TI Neuronal peptide release is limited by secretory granule mobility.  
AU Burke N V; Han W; Li D; Takimoto K; Watkins S C; Levitan E S  
CS Department of Pharmacology, University of Pittsburgh, Pennsylvania 15261,  
USA.  
NC NS32385 (NINDS)  
SO Neuron, (1997 Nov) 19 (5) 1095-102.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980116  
Last Updated on STN: 19980116  
Entered Medline: 19971229

L23 ANSWER 52 OF 310 MEDLINE on STN  
AN 1998050108 MEDLINE  
DN PubMed ID: 9388754  
TI GFP fusion proteins and AMPA receptor trafficking.  
AU Doherty A J; Collingridge G L; Henley J M  
CS Department of Anatomy, School of Medical Sciences, Bristol, UK.  
SO Biochemical Society transactions, (1997 Aug) 25 (3) 540S.  
Journal code: 7506897. ISSN: 0300-5127.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980122  
Last Updated on STN: 19980122  
Entered Medline: 19980102

L23 ANSWER 53 OF 310 MEDLINE on STN  
AN 1998046746 MEDLINE  
DN PubMed ID: 9385636  
TI Green fluorescent protein as a signal for protein-protein interactions.  
AU Park S H; Raines R T  
CS Department of Biochemistry, University of Wisconsin-Madison 53706-1569,  
USA.  
NC GM44783 (NIGMS)

SO Protein science : a publication of the Protein Society, (1997 Nov)  
6 (11) 2344-9.  
Journal code: 9211750. ISSN: 0961-8368.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980226  
Last Updated on STN: 19980226  
Entered Medline: 19980217

L23 ANSWER 54 OF 310 MEDLINE on STN  
AN 1998046027 MEDLINE  
DN PubMed ID: 9384576  
TI Co-localization of HIV-1 Nef with the AP-2 adaptor protein complex  
correlates with Nef-induced CD4 down-regulation.  
AU Greenberg M E; Bronson S; Lock M; Neumann M; Pavlakis G N; Skowronski J  
CS Cold Spring Harbor Laboratory, Cold Spring Harbor, NY 11724, USA.  
NC IA-35394  
SO EMBO journal, (1997 Dec 1) 16 (23) 6964-76.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199801  
ED Entered STN: 19980206  
Last Updated on STN: 19980206  
Entered Medline: 19980129

L23 ANSWER 55 OF 310 MEDLINE on STN  
AN 1998045290 MEDLINE  
DN PubMed ID: 9383982  
TI The green fluorescent protein is a versatile reporter for bioprocess  
monitoring.  
AU Poppenborg L; Friehs K; Flaschel E  
CS Universitat Bielefeld, Technische Fakultat, Bielefeld, Germany.  
SO Journal of biotechnology, (1997 Oct 17) 58 (2) 79-88.  
Journal code: 8411927. ISSN: 0168-1656.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Biotechnology  
EM 199801  
ED Entered STN: 19980122  
Last Updated on STN: 19980122  
Entered Medline: 19980105

L23 ANSWER 56 OF 310 MEDLINE on STN  
AN 1998044816 MEDLINE  
DN PubMed ID: 9383559  
TI Applications of green fluorescent protein in plants.  
AU Leffell S M; Mabon S A; Stewart C N Jr  
CS University of North Carolina, Greensboro, USA.  
SO BioTechniques, (1997 Nov) 23 (5) 912-8. Ref: 49  
Journal code: 8306785. ISSN: 0736-6205.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199803

ED Entered STN: 19980312  
Last Updated on STN: 19980312  
Entered Medline: 19980302

L23 ANSWER 57 OF 310 MEDLINE on STN

AN 1998044809 MEDLINE

DN PubMed ID: 9383552

TI Application of a chimeric green fluorescent protein to study  
protein-protein interactions.

AU Garamszegi N; Garamszegi Z P; Rogers M S; DeMarco S J; Strehler E E

CS Mayo Graduate School, Mayo Clinic/Foundation, Rochester, MN 55905, USA.

SO BioTechniques, (1997 Nov) 23 (5) 864-6, 868-70, 872.

Journal code: 8306785. ISSN: 0736-6205.

CY United States

DT Report; (TECHNICAL REPORT)

LA English

FS Priority Journals

EM 199803

ED Entered STN: 19980312

Last Updated on STN: 19980312

Entered Medline: 19980302

L23 ANSWER 58 OF 310 MEDLINE on STN

AN 1998044331 MEDLINE

DN PubMed ID: 9382807

TI Gene trapping with GFP: the isolation of developmental mutants  
in the slime mold Polysphondylium.

AU Fey P; Cox E C

CS Department of Molecular Biology, Princeton University, New Jersey 08544,  
USA.

SO Current biology : CB, (1997 Nov 1) 7 (11) 909-12.

Journal code: 9107782. ISSN: 0960-9822.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199802

ED Entered STN: 19980306

Last Updated on STN: 19990129

Entered Medline: 19980225

L23 ANSWER 59 OF 310 MEDLINE on STN

AN 1998044230 MEDLINE

DN PubMed ID: 9382873

TI Movement of Bax from the cytosol to mitochondria during apoptosis.

AU Wolter K G; Hsu Y T; Smith C L; Nechushtan A; Xi X G; Youle R J

CS Biochemistry Section, Surgical Neurology Branch, Laboratory of Molecular  
Biology, National Institute of Neurological Disorders and Stroke, National  
Institutes of Health, Bethesda, Maryland 20892, USA.

SO Journal of cell biology, (1997 Dec 1) 139 (5) 1281-92.

Journal code: 0375356. ISSN: 0021-9525.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199712

ED Entered STN: 19980116

Last Updated on STN: 19980116

Entered Medline: 19971230

L23 ANSWER 60 OF 310 MEDLINE on STN

AN 1998042962 MEDLINE

DN PubMed ID: 9375392

TI Gating of epidermal plasmodesmata is restricted to the leading edge of

expanding infection sites of tobacco mosaic virus (TMV).  
AU Oparka K J; Prior D A; Santa Cruz S; Padgett H S; Beachy R N  
CS Unit of Cell Biology, Scottish Crop Research Institute, Invergowrie,  
Dundee, UK.  
SO Plant journal : for cell and molecular biology, (1997 Oct) 12  
(4) 781-9.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980226  
Last Updated on STN: 19980226  
Entered Medline: 19980213

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L23 ANSWER 61 OF 310 MEDLINE on STN  
AN 1998040667 MEDLINE  
DN PubMed ID: 9373336  
TI Green fluorescent protein: untapped potential in immunotechnology.  
AU Larrick J W; Balint R F; Youvan D C  
CS Palo Alto Institute of Molecular Medicine, Mountain View, CA 94043, USA.  
SO Immunotechnology : an international journal of immunological engineering,  
(1995 Aug) 1 (2) 83-6. Ref: 14  
Journal code: 9511979. ISSN: 1380-2933.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980122  
Last Updated on STN: 19980122  
Entered Medline: 19980105

L23 ANSWER 62 OF 310 MEDLINE on STN  
AN 1998040562 MEDLINE  
DN PubMed ID: 9374406  
TI GATA-1 expression pattern can be recapitulated in living transgenic  
zebrafish using GFP reporter gene.  
AU Long Q; Meng A; Wang H; Jessen J R; Farrell M J; Lin S  
CS Institute of Molecular Medicine and Genetics & Department of Biochemistry  
and Molecular Biology, Medical College of Georgia, Augusta 30912, USA.  
SO Development (Cambridge, England), (1997 Oct) 124 (20) 4105-11.  
Journal code: 8701744. ISSN: 0950-1991.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971216

L23 ANSWER 63 OF 310 MEDLINE on STN  
AN 1998036239 MEDLINE  
DN PubMed ID: 9370472  
TI Use of the green fluorescent protein and its mutants in quantitative  
fluorescence microscopy.  
AU Patterson G H; Knobel S M; Sharif W D; Kain S R; Piston D W  
CS Department of Molecular Physiology and Biophysics, Vanderbilt University,  
Nashville, Tennessee 37232, USA.  
NC CA68485 (NCI)

DK20593 (NIDDK)  
SO Biophysical journal, (1997 Nov) 73 (5) 2782-90.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980116

L23 ANSWER 64 OF 310 MEDLINE on STN  
AN 1998035201 MEDLINE  
DN PubMed ID: 9368766  
TI Photoactivation turns green fluorescent protein red.  
AU Elowitz M B; Surette M G; Wolf P E; Stock J; Leibler S  
CS Department of Physics, Princeton University, New Jersey 08544, USA.  
SO Current biology : CB, (1997 Oct 1) 7 (10) 809-12.  
Journal code: 9107782. ISSN: 0960-9822..  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980224  
Last Updated on STN: 19980224  
Entered Medline: 19980210

L23 ANSWER 65 OF 310 MEDLINE on STN  
AN 1998033399 MEDLINE  
DN PubMed ID: 9365268  
TI A rapid, quantitative and inexpensive method for detecting apoptosis by flow cytometry in transiently transfected cells.  
AU Lamm G M; Steinlein P; Cotten M; Christofori G  
CS Research Institute of Molecular Pathology (I. M. P.), Dr. Bohr-Gasse 7, A-1030 Vienna, Austria.  
SO Nucleic acids research, (1997 Dec 1) 25 (23) 4855-7.  
Journal code: 0411011. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980130  
Last Updated on STN: 19980130  
Entered Medline: 19980120

L23 ANSWER 66 OF 310 MEDLINE on STN  
AN 1998031929 MEDLINE  
DN PubMed ID: 9362516  
TI Astral microtubule dynamics in yeast: a microtubule-based searching mechanism for spindle orientation and nuclear migration into the bud.  
AU Shaw S L; Yeh E; Maddox P; Salmon E D; Bloom K  
CS Department of Biology, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27599-3280, USA.  
SO Journal of cell biology, (1997 Nov 17) 139 (4) 985-94.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109

Last Updated on STN: 19980109  
Entered Medline: 19971212

L23 ANSWER 67 OF 310 MEDLINE on STN  
AN 1998028783 MEDLINE  
DN PubMed ID: 9353237  
TI Reporter gene expression for monitoring gene transfer.  
AU Welsh S; Kay S A  
CS Scripps Research Institute, Department of Cell Biology, La Jolla, CA  
92037, USA.. swelsh@scripps.edu  
SO Current opinion in biotechnology, (1997 Oct) 8 (5) 617-22. Ref:  
62  
Journal code: 9100492. ISSN: 0958-1669.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971205

L23 ANSWER 68 OF 310 MEDLINE on STN  
AN 1998028698 MEDLINE  
DN PubMed ID: 9359881  
TI A heterotrimeric G protein-phospholipase A2 signaling cascade is involved  
in the regulation of peroxisomal motility in CHO cells.  
AU Huber C; Saffrich R; Anton M; Passreiter M; Ansorge W; Gorgas K; Just W  
CS Biochemie-Zentrum, Universitat Heidelberg, D-69120 Heidelberg, Germany.  
SO Journal of cell science, (1997 Dec) 110 ( Pt 23) 2955-68.  
Journal code: 0052457. ISSN: 0021-9533.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980217  
Last Updated on STN: 20000303  
Entered Medline: 19980205

L23 ANSWER 69 OF 310 MEDLINE on STN  
AN 1998026884 MEDLINE  
DN PubMed ID: 9321388  
TI Dynamics of proteasome distribution in living cells.  
AU Reits E A; Benham A M; Plougastel B; Neefjes J; Trowsdale J  
CS Department of Cellular Biochemistry, The Netherlands Cancer Institute,  
Plesmanlaan 121, 1066 CX Amsterdam, The Netherlands.  
SO EMBO journal, (1997 Oct 15) 16 (20) 6087-94.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 20000303  
Entered Medline: 19971212

L23 ANSWER 70 OF 310 MEDLINE on STN  
AN 1998025472 MEDLINE  
DN PubMed ID: 9379904  
TI Nuclear traffic in fungal hyphae: in vivo study of nuclear migration and



positioning in *Aspergillus nidulans*.  
AU Suellmann R; Sievers N; Fischer R  
CS Laboratorium fur Mikrobiologie, Philipps-Universitat Marburg and  
Max-Planck-Institut fur terrestrische Mikrobiologie, Germany.  
SO Molecular microbiology, (1997 Aug) 25 (4) 757-69.  
Journal code: 8712028. ISSN: 0950-382X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AJ003163  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 20021210  
Entered Medline: 19971112

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L23 ANSWER 71 OF 310 MEDLINE on STN  
AN 1998023176 MEDLINE  
DN PubMed ID: 9358339  
TI A simple and rapid immunoassay system using green fluorescent protein tag.  
AU Aoki T; Kaneta M; Onagi H; Takahashi Y; Koch K S; Leffert H L; Watabe H  
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Health  
Sciences, University of Hokkaido, Japan.  
SO Journal of immunoassay, (1997 Nov) 18 (4) 321-33.  
Journal code: 8007167. ISSN: 0197-1522.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980217  
Last Updated on STN: 19980217  
Entered Medline: 19980130

L23 ANSWER 72 OF 310 MEDLINE on STN  
AN 1998022868 MEDLINE  
DN PubMed ID: 9356175  
TI GFP-moesin illuminates actin cytoskeleton dynamics in living  
tissue and demonstrates cell shape changes during morphogenesis in  
Drosophila.  
AU Edwards K A; Demsky M; Montague R A; Weymouth N; Kiehart D P  
CS Department of Cell Biology, Duke University Medical Center, Durham, North  
Carolina 27710, USA.  
NC GM07184 (NIGMS)  
GM33830 (NIGMS)  
SO Developmental biology, (1997 Nov 1) 191 (1) 103-17.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971205

L23 ANSWER 73 OF 310 MEDLINE on STN  
AN 1998019228 MEDLINE  
DN PubMed ID: 9353317  
TI Deletions of the *Aequorea victoria* green fluorescent protein define the  
minimal domain required for fluorescence.  
AU Li X; Zhang G; Ngo N; Zhao X; Kain S R; Huang C C  
CS CLONTECH Laboratories, Inc., 1020 East Meadow Circle, Palo Alto, CA 94303,  
USA.. xqli@CLONTECH.com

SO Journal of biological chemistry, (1997 Nov 7) 272 (45) 28545-9.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971212

L23 ANSWER 74 OF 310 MEDLINE on STN

AN 1998019008 MEDLINE  
DN PubMed ID: 9357976  
TI Muscle glycogen synthase translocates from the cell nucleus to the  
cystosol in response to glucose.  
AU Ferrer J C; Baque S; Guinovart J J  
CS Departament de Bioquímica i Biologia Molecular, Universitat de Barcelona,  
Martí i Franques, Spain.  
SO FEBS letters, (1997 Oct 6) 415 (3) 249-52.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971125

L23 ANSWER 75 OF 310 MEDLINE on STN

AN 1998016416 MEDLINE  
DN PubMed ID: 9354796  
TI Sustained expression of genes delivered directly into liver and muscle by  
lentiviral vectors.  
AU Kafri T; Blomer U; Peterson D A; Gage F H; Verma I M  
CS Laboratory of Genetics, Salk Institute, La Jolla, California 92037, USA.  
NC AG08514 (NIA)  
SO Nature genetics, (1997 Nov) 17 (3) 314-7.  
Journal code: 9216904. ISSN: 1061-4036.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971204

L23 ANSWER 76 OF 310 MEDLINE on STN

AN 1998014411 MEDLINE  
DN PubMed ID: 9354320  
TI A genetically encoded optical probe of membrane voltage.  
AU Siegel M S; Isacoff E Y  
CS University of California, Department of Molecular and Cell Biology,  
Berkeley 94720, USA.  
SO Neuron, (1997 Oct) 19 (4) 735-41.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224

Last Updated on STN: 19971224  
Entered Medline: 19971121

L23 ANSWER 77 OF 310 MEDLINE on STN  
AN 1998013472 MEDLINE  
DN PubMed ID: 9352218  
TI Targeting of green fluorescent protein to neuroendocrine secretory granules: a new tool for real time studies of regulated protein secretion.  
AU Kaether C; Salm T; Glombik M; Almers W; Gerdes H H  
CS Department for Neurobiology, University of Heidelberg, Germany.  
SO European journal of cell biology, (1997 Oct) 74 (2) 133-42.  
Journal code: 7906240. ISSN: 0171-9335.  
CY GERMANY: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980206  
Last Updated on STN: 19980206  
Entered Medline: 19980127

L23 ANSWER 78 OF 310 MEDLINE on STN  
AN 1998012980 MEDLINE  
DN PubMed ID: 9352931  
TI Interactions between heterologous FtsA and FtsZ proteins at the FtsZ ring.  
AU Ma X; Sun Q; Wang R; Singh G; Jonietz E L; Margolin W  
CS Department of Microbiology and Molecular Genetics, University of Texas Medical School, Houston 77030, USA.  
NC 1R55-GM/OD54830-01 (NIGMS)  
SO Journal of bacteriology, (1997 Nov) 179 (21) 6788-97.  
Journal code: 2985120R. ISSN: 0021-9193.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF024659; GENBANK-AF024660  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 20000303  
Entered Medline: 19971120

L23 ANSWER 79 OF 310 MEDLINE on STN  
AN 1998010570 MEDLINE  
DN PubMed ID: 9346876  
TI A beta-arrestin/green fluorescent protein biosensor for detecting G protein-coupled receptor activation.  
AU Barak L S; Ferguson S S; Zhang J; Caron M G  
CS Howard Hughes Medical Institute Laboratories and Department of Cell Biology, Duke University Medical Center, Durham, North Carolina 27710, USA.  
NC HL 03422 (NHLBI)  
NS 19576 (NINDS)  
SO Journal of biological chemistry, (1997 Oct 31) 272 (44) 27497-500.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 20000303  
Entered Medline: 19971209

L23 ANSWER 80 OF 310 MEDLINE on STN  
 AN 1998008883 MEDLINE  
 DN PubMed ID: 9344874  
 TI Visualization of mitochondria with green fluorescent protein in cultured fibroblasts from patients with mitochondrial diseases.  
 AU Kanazawa M; Yano M; Namchai C; Yamamoto S; Ohtake A; Takayanagi M; Mori M; Niimi H  
 CS Department of Pediatrics, Chiba University, School of Medicine, Japan.  
 SO Biochemical and biophysical research communications, (1997 Oct 20) 239 (2) 580-4.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199711  
 ED Entered STN: 19971224  
 Last Updated on STN: 19971224  
 Entered Medline: 19971117

L23 ANSWER 81 OF 310 MEDLINE on STN  
 AN 1998008413 MEDLINE  
 DN PubMed ID: 9410873  
 TI Live dynamics of Dictyostelium cofilin suggests a role in remodeling actin latticework into bundles.  
 AU Aizawa H; Fukui Y; Yahara I  
 CS Department of Cell Biology, The Tokyo Metropolitan Institute of Medical Science, Japan.  
 NC GM39548 (NIGMS)  
 SO Journal of cell science, (1997 Oct) 110 ( Pt 19) 2333-44.  
 Journal code: 0052457. ISSN: 0021-9533.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199712  
 ED Entered STN: 19980109  
 Last Updated on STN: 19980109  
 Entered Medline: 19971211

L23 ANSWER 82 OF 310 MEDLINE on STN  
 AN 1998008094 MEDLINE  
 DN PubMed ID: 9345013  
 TI High-titer retroviral vectors containing the enhanced green fluorescent protein gene for efficient expression in hematopoietic cells.  
 AU Limon A; Briones J; Puig T; Carmona M; Fornas O; Cancelas J A; Nadal M; Garcia J; Rueda F; Barquinero J  
 CS Department of Cryobiology, Institut de Recerca Oncologica, Barcelona, Spain.  
 SO Blood, (1997 Nov 1) 90 (9) 3316-21.  
 Journal code: 7603509. ISSN: 0006-4971.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199711  
 ED Entered STN: 19971224  
 Last Updated on STN: 19971224  
 Entered Medline: 19971118

L23 ANSWER 83 OF 310 MEDLINE on STN  
 AN 1998008091 MEDLINE  
 DN PubMed ID: 9345010  
 TI Cytoplasmic localization of a functionally active Fanconi anemia group

A-green fluorescent protein chimera in human 293 cells.  
 AU Kruyt F A; Waisfisz Q; Dijkmans L M; Hermesen M A; Youssoufian H; Arwert F;  
 Joenje H  
 CS Department of Human Genetics, Free University, Amsterdam, The Netherlands.  
 NC DK49216 (NIDDK)  
 HL52138 (NHLBI)  
 SO Blood, (1997 Nov 1) 90 (9) 3288-95.  
 Journal code: 7603509. ISSN: 0006-4971.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199711  
 ED Entered STN: 19971224  
 Last Updated on STN: 20000407  
 Entered Medline: 19971118

L23 ANSWER 84 OF 310 MEDLINE on STN  
 AN 1998008039 MEDLINE  
 DN PubMed ID: 9581537  
 TI GLUT4 vesicle dynamics in living 3T3 L1 adipocytes visualized with  
 green-fluorescent protein.  
 AU Oatey P B; Van Weering D H; Dobson S P; Gould G W; Tavare J M  
 CS Department of Biochemistry, School of Medical Sciences, University of  
 Bristol, Bristol, BS8 1TD, U.K.  
 SO Biochemical journal, (1997 Nov 1) 327 ( Pt 3) 637-42.  
 Journal code: 2984726R. ISSN: 0264-6021.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199805  
 ED Entered STN: 19980529  
 Last Updated on STN: 19980529  
 Entered Medline: 19980520

L23 ANSWER 85 OF 310 MEDLINE on STN  
 AN 1998005067 MEDLINE  
 DN PubMed ID: 9344616  
 TI In vivo analysis of nuclear protein traffic in mammalian cells.  
 AU Chatterjee S; Javier M; Stochaj U  
 CS Physiology Department, McGill University, Montreal, PQ, Canada.  
 SO Experimental cell research, (1997 Oct 10) 236 (1) 346-50.  
 Journal code: 0373226. ISSN: 0014-4827.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199711  
 ED Entered STN: 19971224  
 Last Updated on STN: 19971224  
 Entered Medline: 19971125

L23 ANSWER 86 OF 310 MEDLINE on STN  
 AN 1998003588 MEDLINE  
 DN PubMed ID: 9343693  
 TI Expression of green fluorescent protein in Aureobasidium pullulans and  
 quantification of the fungus on leaf surfaces.  
 AU Vanden Wymelenberg A J; Cullen D; Spear R N; Schoenike B; Andrews J H  
 CS USDA Forest Products Laboratory, University of Wisconsin, Madison, USA.  
 SO BioTechniques, (1997 Oct) 23 (4) 686-90.  
 Journal code: 8306785. ISSN: 0736-6205.  
 CY United States  
 DT Report; (TECHNICAL REPORT)

LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980217  
Last Updated on STN: 19990129  
Entered Medline: 19980204

L23 ANSWER 87 OF 310 MEDLINE on STN  
AN 97475533 MEDLINE  
DN PubMed ID: 9335045  
TI Applications of the green fluorescent protein in cell biology and biotechnology.

AU Misteli T; Spector D L  
CS Cold Spring Harbor Laboratory, NY 11724, USA.. misteli@cshl.org  
SO Nature biotechnology, (1997 Oct) 15 (10) 961-4. Ref: 45  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)

LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971215

L23 ANSWER 88 OF 310 MEDLINE on STN  
AN 97472275 MEDLINE  
DN PubMed ID: 9325155  
TI Baculoviral display of the green fluorescent protein and rubella virus envelope proteins.  
AU Mottershead D; van der Linden I; von Bonsdorff C H; Keinänen K; Oker-Blom C  
CS VTT Biotechnology and Food Research, Espoo, Finland.  
SO Biochemical and biophysical research communications, (1997 Sep 29) 238 (3) 717-22.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971027

L23 ANSWER 89 OF 310 MEDLINE on STN  
AN 97471008 MEDLINE  
DN PubMed ID: 9326651  
TI Governing step of metastasis visualized in vitro.  
AU Chishima T; Yang M; Miyagi Y; Li L; Tan Y; Baranov E; Shimada H; Moossa A R; Penman S; Hoffman R M  
CS Department of Surgery, Yokohama City University School of Medicine, Yokohama 231, Japan.  
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Oct 14) 94 (21) 11573-6.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224

Last Updated on STN: 19971224  
Entered Medline: 19971124

L23 ANSWER 90 OF 310 MEDLINE on STN  
AN 97467356 MEDLINE  
DN PubMed ID: 9325286  
TI Transfection by cationic liposomes using simultaneous single cell  
measurements of plasmid delivery and transgene expression.  
AU Tseng W C; Haselton F R; Giorgio T D  
CS Department of Chemical, Vanderbilt University, Nashville, Tennessee 37235,  
USA.  
SO Journal of biological chemistry, (1997 Oct 10) 272 (41) 25641-7.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971113

L23 ANSWER 91 OF 310 MEDLINE on STN  
AN 97464051 MEDLINE  
DN PubMed ID: 9322742  
TI Green fluorescent protein-based reporter systems for genetic analysis of  
bacteria including monocopy applications.  
AU Suarez A; Guttler A; Stratz M; Staendner L H; Timmis K N; Guzman C A  
CS Division of Microbiology, GBF-National Research Centre for Biotechnology,  
Braunschweig, Germany.  
SO Gene, (1997 Sep 1) 196 (1-2) 69-74.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971224  
Last Updated on STN: 19990129  
Entered Medline: 19971030

L23 ANSWER 92 OF 310 MEDLINE on STN  
AN 97462914 MEDLINE  
DN PubMed ID: 9323141  
TI Visualization of ER-to-Golgi transport in living cells reveals a  
sequential mode of action for COPII and COPI.  
AU Scales S J; Pepperkok R; Kreis T E  
CS Department of Cell Biology, University of Geneva Sciences III,  
Switzerland.  
SO Cell, (1997 Sep 19) 90 (6) 1137-48.  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971105  
Last Updated on STN: 20000303  
Entered Medline: 19971020

L23 ANSWER 93 OF 310 MEDLINE on STN  
AN 97459931 MEDLINE  
DN PubMed ID: 9312004  
TI Ca<sup>2+</sup>-mediated GTP-dependent dynamic assembly of bacterial cell division

protein FtsZ into asters and polymer networks in vitro.

AU Yu X C; Margolin W  
CS Department of Microbiology and Molecular Genetics, University of Texas  
Medical School, 6431 Fannin, Houston, TX 77030, USA.  
SO EMBO journal, (1997 Sep 1) 16 (17) 5455-63.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 20000303  
Entered Medline: 19971215

L23 ANSWER 94 OF 310 MEDLINE on STN  
AN 97459732 MEDLINE  
DN PubMed ID: 9315692  
TI Reversible, site-specific immobilization of polyarginine-tagged fusion  
proteins on mica surfaces.  
AU Nock S; Spudich J A; Wagner P  
CS Department of Biochemistry, Beckman Center B405, Stanford University  
Medical Center, CA 94305-5307, USA.  
NC GM33289 (NIGMS)  
SO FEBS letters, (1997 Sep 8) 414 (2) 233-8.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971105  
Last Updated on STN: 19971105  
Entered Medline: 19971021

L23 ANSWER 95 OF 310 MEDLINE on STN  
AN 97448526 MEDLINE  
DN PubMed ID: 9302873  
TI Simultaneous topographic and fluorescence imagings of recombinant  
bacterial cells containing a green fluorescent protein gene detected by a  
scanning near-field optical/atomic force microscope.  
AU Tamiya E; Iwabuchi S; Nagatani N; Murakami Y; Sakaguchi T; Yokoyama K;  
Chiba N; Muramatsu H  
CS School of Materials Science, Japan Advanced Institute of Science and  
Technology, Ishikawa, Japan.  
SO Analytical chemistry, (1997 Sep 15) 69 (18) 3697-701.  
Journal code: 0370536. ISSN: 0003-2700.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971105  
Last Updated on STN: 19971105  
Entered Medline: 19971023

L23 ANSWER 96 OF 310 MEDLINE on STN  
AN 97446254 MEDLINE  
DN PubMed ID: 9299018  
TI Capillary electrophoresis with laser-induced fluorescence detection for  
the analysis of free and immune-complexed green fluorescent protein.  
AU Korf G M; Landers J P; O'Kane D J  
CS Department of Laboratory Medicine and Pathology, Mayo Foundation/Mayo  
Clinic, Rochester, Minnesota 55905, USA.



SO Analytical biochemistry, (1997 Sep 5) 251 (2) 210-8.  
Journal code: 0370535. ISSN: 0003-2697.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971029

L23 ANSWER 97 OF 310 MEDLINE on STN

AN 97444355 MEDLINE  
DN PubMed ID: 9298976  
TI Nuclear membrane dynamics and reassembly in living cells: targeting of an inner nuclear membrane protein in interphase and mitosis.  
AU Ellenberg J; Siggia E D; Moreira J E; Smith C L; Presley J F; Worman H J; Lippincott-Schwartz J  
CS Cell Biology and Metabolism Branch, National Institute of Child Health and Human Development, National Institutes of Health (NIH), Bethesda, Maryland 20892, USA.  
NC R01-CA66974 (NCI)  
SO Journal of cell biology, (1997 Sep 22) 138 (6) 1193-206.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971105  
Last Updated on STN: 19971105  
Entered Medline: 19971022

L23 ANSWER 98 OF 310 MEDLINE on STN

AN 97439862 MEDLINE  
DN PubMed ID: 9294208  
TI Stable and efficient gene transfer into the retina using an HIV-based lentiviral vector.  
AU Miyoshi H; Takahashi M; Gage F H; Verma I M  
CS Laboratory of Genetics, The Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA.  
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Sep 16) 94 (19) 10319-23.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199710  
ED Entered STN: 19971105  
Last Updated on STN: 19971105  
Entered Medline: 19971021

L23 ANSWER 99 OF 310 MEDLINE on STN

AN 97439570 MEDLINE  
DN PubMed ID: 9295126  
TI Green fluorescent protein retroviral vectors: low titer and high recombination frequency suggest a selective disadvantage.  
AU Hanazono Y; Yu J M; Dunbar C E; Emmons R V  
CS Hematology Branch, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD 20892, USA.  
SO Human gene therapy, (1997 Jul 20) 8 (11) 1313-9.  
Journal code: 9008950. ISSN: 1043-0342.  
CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 19971013  
Last Updated on STN: 19971013  
Entered Medline: 19971002

L23 ANSWER 100 OF 310 MEDLINE on STN

AN 97436537 MEDLINE

DN PubMed ID: 9292510

TI Retroviral-mediated transfer of the green fluorescent protein gene into murine hematopoietic cells facilitates scoring and selection of transduced progenitors in vitro and identification of genetically modified cells in vivo.

AU Persons D A; Allay J A; Allay E R; Smeyne R J; Ashmun R A; Sorrentino B P; Nienhuis A W

CS Department of Hematology/Oncology, St Jude Children's Research Hospital, Memphis, TN 38105-2794, USA.

NC CA 70089 (NCI)

P01 HL 53749-01 (NHLBI)

P30 CA 21765 (NCI)

SO Blood, (1997 Sep 1) 90 (5) 1777-86.

Journal code: 7603509. ISSN: 0006-4971.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals

EM 199709

ED Entered STN: 19971013

Last Updated on STN: 19971013

Entered Medline: 19970930

L23 ANSWER 101 OF 310 MEDLINE on STN

AN 97435480 MEDLINE

DN PubMed ID: 9290211

TI Heterologous HIS3 marker and GFP reporter modules for PCR-targeting in Saccharomyces cerevisiae.

AU Wach A; Brachat A; Alberti-Segui C; Rebischung C; Philippsen P

CS Institut fur Angewandte Mikrobiologie, Universitat Basel, Switzerland.

SO Yeast (Chichester, England), (1997 Sep 15) 13 (11) 1065-75.

Journal code: 8607637. ISSN: 0749-503X.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AJ002681; GENBANK-AJ002682; GENBANK-AJ002683

EM 199801

ED Entered STN: 19980130

Last Updated on STN: 20000303

Entered Medline: 19980121

L23 ANSWER 102 OF 310 MEDLINE on STN

AN 97433331 MEDLINE

DN PubMed ID: 9288971

TI ER-to-Golgi transport visualized in living cells.

CM Comment in: Nature. 1997 Sep 4;389(6646):17, 19. PubMed ID: 9288959

AU Presley J F; Cole N B; Schroer T A; Hirschberg K; Zaal K J;

Lippincott-Schwartz J

CS Cell Biology and Metabolism Branch, National Institute of Child Health and Human Development, NIH, Bethesda, Maryland 20892, USA.

SO Nature, (1997 Sep 4) 389 (6646) 81-5.

Journal code: 0410462. ISSN: 0028-0836.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970926  
Last Updated on STN: 19970926  
Entered Medline: 19970918

L23 ANSWER 103 OF 310 MEDLINE on STN

AN 97431694 MEDLINE

DN PubMed ID: 9285714

TI Imaging green fluorescent protein fusion proteins in *Saccharomyces cerevisiae*.

AU Shaw S L; Yeh E; Bloom K; Salmon E D

CS Department of Biology, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27599-3280, USA.

SO Current biology : CB, (1997 Sep 1) 7 (9) 701-4.

Journal code: 9107782. ISSN: 0960-9822.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199802

ED Entered STN: 19980217

Last Updated on STN: 19980217

Entered Medline: 19980203

L23 ANSWER 104 OF 310 MEDLINE on STN

AN 97428191 MEDLINE

DN PubMed ID: 9281318

TI Structural determinants for the intracellular localization of the isozymes of mammalian hexokinase: intracellular localization of fusion constructs incorporating structural elements from the hexokinase isozymes and the green fluorescent protein.

AU Sui D; Wilson J E

CS Department of Biochemistry, Michigan State University, East Lansing, Michigan 48824-1319, USA.

NC NS 09910 (NINDS)

SO Archives of biochemistry and biophysics, (1997 Sep 1) 345 (1) 111-25.

Journal code: 0372430. ISSN: 0003-9861.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199710

ED Entered STN: 19971013

Last Updated on STN: 19971013

Entered Medline: 19971002

L23 ANSWER 105 OF 310 MEDLINE on STN

AN 97426107 MEDLINE

DN PubMed ID: 9282811

TI Use of a green fluorescent protein as a marker for human immunodeficiency virus type 1 infection.

AU Page K A; Liegler T; Feinberg M B

CS Gladstone Institute of Virology and Immunology and the Department of Microbiology and Immunology, University of California, San Francisco 94141, USA.

SO AIDS research and human retroviruses, (1997 Sep 1) 13 (13) 1077-81.

Journal code: 8709376. ISSN: 0889-2229.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals; AIDS  
EM 199801  
ED Entered STN: 19980122  
Last Updated on STN: 19990129  
Entered Medline: 19980108

L23 ANSWER 106 OF 310 MEDLINE on STN  
AN 97422282 MEDLINE  
DN PubMed ID: 9278050  
TI Fluorescent indicators for Ca<sup>2+</sup> based on green fluorescent proteins and calmodulin.  
CM Comment in: Nature. 1997 Aug 28;388(6645):834-5. PubMed ID: 9278042  
AU Miyawaki A; Llopis J; Heim R; McCaffery J M; Adams J A; Ikura M; Tsien R Y  
CS Department of Pharmacology, University of California, San Diego, La Jolla 92093-0647, USA.  
SO Nature, (1997 Aug 28) 388 (6645) 882-7.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970926  
Last Updated on STN: 19970926  
Entered Medline: 19970912

L23 ANSWER 107 OF 310 MEDLINE on STN  
AN 97420224 MEDLINE  
DN PubMed ID: 9274728  
TI Adenovirus-mediated expression of green fluorescent protein.  
AU de Martin R; Raidl M; Hofer E; Binder B R  
CS Department of Vascular Biology and Thrombosis Research, University of Vienna, Austria.  
SO Gene therapy, (1997 May) 4 (5) 493-5.  
Journal code: 9421525. ISSN: 0969-7128.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19971008  
Last Updated on STN: 19971008  
Entered Medline: 19970919

L23 ANSWER 108 OF 310 MEDLINE on STN  
AN 97410026 MEDLINE  
DN PubMed ID: 9266741  
TI Frataxin gene of Friedreich's ataxia is targeted to mitochondria.  
AU Priller J; Scherzer C R; Faber P W; MacDonald M E; Young A B  
CS Neurology Service, Massachusetts General Hospital and Harvard Medical School, Boston 02114, USA.  
NC NS16367 (NINDS)  
NS32765 (NINDS)  
SO Annals of neurology, (1997 Aug) 42 (2) 265-9.  
Journal code: 7707449. ISSN: 0364-5134.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970922  
Last Updated on STN: 20000303  
Entered Medline: 19970905

L23 ANSWER 109 OF 310 MEDLINE on STN  
 AN 97407718 MEDLINE  
 DN PubMed ID: 9264467  
 TI Calmodulin localizes to the spindle pole body of Schizosaccharomyces pombe and performs an essential function in chromosome segregation.  
 AU Moser M J; Flory M R; Davis T N  
 CS Department of Biochemistry, University of Washington, Seattle 98195, USA.  
 NC GM40506 (NIGMS)  
 T32 GM-07270-22 (NIGMS)  
 T32 GM-08437 (NIGMS)  
 SO Journal of cell science, (1997 Aug) 110 ( Pt 15) 1805-12.  
 Journal code: 0052457. ISSN: 0021-9533.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19971008  
 Last Updated on STN: 19971008  
 Entered Medline: 19970922

L23 ANSWER 110 OF 310 MEDLINE on STN  
 AN 97404423 MEDLINE  
 DN PubMed ID: 9256510  
 TI Myofibrillogenesis visualized in living embryonic cardiomyocytes.  
 AU Dabiri G A; Turnacioglu K K; Sanger J M; Sanger J W  
 CS Department of Cell and Developmental Biology and Pennsylvania Muscle Institute, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6058, USA.  
 NC HL 15835 (NHLBI)  
 HL48954 (NHLBI)  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Aug 19) 94 (17) 9493-8.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19970926  
 Last Updated on STN: 19970926  
 Entered Medline: 19970917

L23 ANSWER 111 OF 310 MEDLINE on STN  
 AN 97399639 MEDLINE  
 DN PubMed ID: 9255739  
 TI Green fluorescent protein expressed by recombinant pseudorabies virus as an in vivo marker for viral replication.  
 AU Jons A; Mettenleiter T C  
 CS Institute of Molecular and Cellular Virology, Friedrich-Loeffler-Institutes, Insel Riems, Germany.  
 SO Journal of virological methods, (1997 Jul) 66 (2) 283-92.  
 Journal code: 8005839. ISSN: 0166-0934.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19970926  
 Last Updated on STN: 19970926  
 Entered Medline: 19970916

L23 ANSWER 112 OF 310 MEDLINE on STN

AN 97398694 MEDLINE  
 DN PubMed ID: 9254908  
 TI Green fluorescent protein/beta-galactosidase double reporters for visualizing Drosophila gene expression patterns.  
 AU Timmons L; Becker J; Barthmaier P; Fyrberg C; Shearn A; Fyrberg E  
 CS Department of Biology, Johns Hopkins University, Baltimore, Maryland 21218, USA.  
 SO Developmental genetics, (1997) 20 (4) 338-47.  
 Journal code: 7909963. ISSN: 0192-253X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19971008  
 Last Updated on STN: 19990129  
 Entered Medline: 19970924

L23 ANSWER 113 OF 310 MEDLINE on STN  
 AN 97396459 MEDLINE  
 DN PubMed ID: 9252650  
 TI Visualization of the metastatic process by green fluorescent protein expression.  
 AU Chishima T; Miyagi Y; Wang X; Tan Y; Shimada H; Moossa A; Hoffman R M  
 CS Department of Surgery, Yokohama City University School of Medicine, Japan.  
 SO Anticancer research, (1997 Jul-Aug) 17 (4A) 2377-84.  
 Journal code: 8102988. ISSN: 0250-7005.  
 CY Greece  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19970916  
 Last Updated on STN: 19970916  
 Entered Medline: 19970903

L23 ANSWER 114 OF 310 MEDLINE on STN  
 AN 97392692 MEDLINE  
 DN PubMed ID: 9245791  
 TI Microtubules orient the mitotic spindle in yeast through dynein-dependent interactions with the cell cortex.  
 AU Carminati J L; Stearns T  
 CS Department of Biological Sciences, Stanford University, Stanford, California 94305-5020, USA.  
 SO Journal of cell biology, (1997 Aug 11) 138 (3) 629-41.  
 Journal code: 0375356. ISSN: 0021-9525.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199708  
 ED Entered STN: 19970908  
 Last Updated on STN: 19970908  
 Entered Medline: 19970828

L23 ANSWER 115 OF 310 MEDLINE on STN  
 AN 97390814 MEDLINE  
 DN PubMed ID: 9247649  
 TI An N-terminal fragment of titin coupled to green fluorescent protein localizes to the Z-bands in living muscle cells: overexpression leads to myofibril disassembly.  
 AU Turnacioglu K K; Mittal B; Dabiri G A; Sanger J M; Sanger J W  
 CS Department of Cell and Developmental Biology, University of Pennsylvania School of Medicine, Philadelphia 19104-6058, USA.

NC HL-48954 (NHLBI)  
SO Molecular biology of the cell, (1997 Apr) 8 (4) 705-17.  
Journal code: 9201390. ISSN: 1059-1524.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D16844; GENBANK-U51476; GENBANK-U64829  
EM 199709  
ED Entered STN: 19970922  
Last Updated on STN: 19970922  
Entered Medline: 19970910

L23 ANSWER 116 OF 310 MEDLINE on STN  
AN 97390058 MEDLINE  
DN PubMed ID: 9248997  
TI A green fluorescent protein-actin fusion protein dominantly inhibits cytokinesis, cell spreading, and locomotion in Dictyostelium.  
AU Aizawa H; Sameshima M; Yahara I  
CS Department of Cell Biology, The Tokyo Metropolitan Institute of Medical Science, Bunkyo-ku, Japan.  
SO Cell structure and function, (1997 Jun) 22 (3) 335-45.  
Journal code: 7608465. ISSN: 0386-7196.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970926  
Last Updated on STN: 19970926  
Entered Medline: 19970916

L23 ANSWER 117 OF 310 MEDLINE on STN  
AN 97388554 MEDLINE  
DN PubMed ID: 9241248  
TI Brief expression of a GFP cre fusion gene in embryonic stem cells allows rapid retrieval of site-specific genomic deletions.  
AU Gagnetten S; Le Y; Miller J; Sauer B  
CS Laboratory of Biochemistry and Metabolism, National Institute of Diabetes, Digestive and Kidney Disease, National Institutes of Health, Bethesda, MD 20892-1800, USA.  
SO Nucleic acids research, (1997 Aug 15) 25 (16) 3326-31.  
Journal code: 0411011. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970926  
Last Updated on STN: 19970926  
Entered Medline: 19970917

L23 ANSWER 118 OF 310 MEDLINE on STN  
AN 97388423 MEDLINE  
DN PubMed ID: 9247257  
TI Metastatic patterns of lung cancer visualized live and in process by green fluorescence protein expression.  
AU Chishima T; Miyagi Y; Wang X; Baranov E; Tan Y; Shimada H; Moossa A R; Hoffman R M  
CS Department of Surgery, Yokohama City University School of Medicine, Yokohama, Japan.  
SO Clinical & experimental metastasis, (1997 Sep) 15 (5) 547-52.  
Journal code: 8409970. ISSN: 0262-0898.  
CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970902  
Last Updated on STN: 19970902  
Entered Medline: 19970821

L23 ANSWER 119 OF 310 MEDLINE on STN

AN 97388316 MEDLINE

DN PubMed ID: 9247150

TI A novel fluorescent marker for assembled mitochondria ATP synthase of yeast. OSCP subunit fused to green-fluorescent protein is assembled into the complex in vivo.

AU Prescott M; Lourbakos A; Bateson M; Boyle G; Nagley P; Devenish R J

CS Department of Biochemistry and Molecular Biology, Monash University, Clayton, Victoria, Australia.

SO FEBS letters, (1997 Jul 7) 411 (1) 97-101.

Journal code: 0155157. ISSN: 0014-5793.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199709

ED Entered STN: 19970922

Last Updated on STN: 19980206

Entered Medline: 19970911

L23 ANSWER 120 OF 310 MEDLINE on STN

AN 97386430 MEDLINE

DN PubMed ID: 9244279

TI Bacillus subtilis Pro-sigmaE fusion protein localizes to the forespore septum and fails to be processed when synthesized in the forespore.

AU Ju J; Luo T; Haldenwang W G

CS Department of Microbiology, University of Texas Health Science Center at San Antonio, 78284-7758, USA.

SO Journal of bacteriology, (1997 Aug) 179 (15) 4888-93.

Journal code: 2985120R. ISSN: 0021-9193.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199710

ED Entered STN: 19971105

Last Updated on STN: 19971105

Entered Medline: 19971023

L23 ANSWER 121 OF 310 MEDLINE on STN

AN 97382434 MEDLINE

DN PubMed ID: 9240438

TI Long-term, stable expression of green fluorescent protein in mammalian cells.

AU Gubin A N; Reddy B; Njoroge J M; Miller J L

CS Laboratory of Chemical Biology, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, Maryland 20892, USA.

SO Biochemical and biophysical research communications, (1997 Jul 18) 236 (2) 347-50.

Journal code: 0372516. ISSN: 0006-291X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199708



ED Entered STN: 19970908  
Last Updated on STN: 19970908  
Entered Medline: 19970828

L23 ANSWER 122 OF 310 MEDLINE on STN  
AN 97379430 MEDLINE  
DN PubMed ID: 9237752  
TI On/off blinking and switching behaviour of single molecules of green  
fluorescent protein.  
AU Dickson R M; Cubitt A B; Tsien R Y; Moerner W E  
CS Department of Chemistry and Biochemistry, University of California San  
Diego, La Jolla 92093-0340, USA.  
SO Nature, (1997 Jul 24) 388 (6640) 355-8.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970825  
Last Updated on STN: 19980206  
Entered Medline: 19970812

L23 ANSWER 123 OF 310 MEDLINE on STN  
AN 97376483 MEDLINE  
DN PubMed ID: 9232593  
TI The Drosophila don juan (dj) gene encodes a novel sperm specific protein  
component characterized by an unusual domain of a repetitive amino acid  
motif.  
AU Santel A; Winhauer T; Blumer N; Renkawitz-Pohl R  
CS Philipps-Universitat Marburg, Germany.  
SO Mechanisms of development, (1997 Jun) 64 (1-2) 19-30.  
Journal code: 9101218. ISSN: 0925-4773.  
CY Ireland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U90537  
EM 199709  
ED Entered STN: 19971013  
Last Updated on STN: 20021022  
Entered Medline: 19970929

L23 ANSWER 124 OF 310 MEDLINE on STN  
AN 97373637 MEDLINE  
DN PubMed ID: 9228009  
TI Mitosis in living budding yeast: anaphase A but no metaphase plate.  
AU Straight A F; Marshall W F; Sedat J W; Murray A W  
CS Department of Physiology, Box 0444, School of Medicine, University of  
California at San Francisco, San Francisco, CA 94143-0444, USA.  
SO Science, (1997 Jul 25) 277 (5325) 574-8.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970825  
Last Updated on STN: 19980206  
Entered Medline: 19970812

L23 ANSWER 125 OF 310 MEDLINE on STN  
AN 97370047 MEDLINE  
DN PubMed ID: 9224616

TI Cellular distribution of mammalian DNA topoisomerase II is determined by  
its catalytically dispensable C-terminal domain.  
AU Adachi N; Miyaike M; Kato S; Kanamaru R; Koyama H; Kikuchi A  
CS Mitsubishi Kasei Institute of Life Sciences, 11 Minamiooya, Machida-shi,  
Tokyo 194, Japan.  
SO Nucleic acids research, (1997 Aug 1) 25 (15) 3135-42.  
Journal code: 0411011. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D38046  
EM 199709  
ED Entered STN: 19971008  
Last Updated on STN: 19971008  
Entered Medline: 19970925

L23 ANSWER 126 OF 310 MEDLINE on STN  
AN 97367996 MEDLINE  
DN PubMed ID: 9224763  
TI Microtubule-dependent transport of secretory vesicles visualized in real  
time with a GFP-tagged secretory protein.  
AU Wacker I; Kaether C; Kromer A; Migala A; Almers W; Gerdes H H  
CS MPI for Medical Research, Heidelberg, Germany.  
SO Journal of cell science, (1997 Jul) 110 ( Pt 13) 1453-63.  
Journal code: 0052457. ISSN: 0021-9533.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19971008  
Last Updated on STN: 19971008  
Entered Medline: 19970922

L23 ANSWER 127 OF 310 MEDLINE on STN  
AN 97367905 MEDLINE  
DN PubMed ID: 9224672  
TI Live astrocytes visualized by green fluorescent protein in transgenic  
mice.  
AU Zhuo L; Sun B; Zhang C L; Fine A; Chiu S Y; Messing A  
CS Department of Pathobiological Sciences, School of Veterinary Medicine,  
University of Wisconsin-Madison, 53706, USA.  
NC NS-22475 (NINDS)  
NS-33151 (NINDS)  
SO Developmental biology, (1997 Jul 1) 187 (1) 36-42.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 19980206  
Entered Medline: 19970807

L23 ANSWER 128 OF 310 MEDLINE on STN  
AN 97364786 MEDLINE  
DN PubMed ID: 9218496  
TI Two potent nuclear localization signals in the gut-enriched Kruppel-like  
factor define a subfamily of closely related Kruppel proteins.  
AU Shields J M; Yang V W  
CS Department of Medicine, The Johns Hopkins University School of Medicine,  
Baltimore, Maryland 21205, USA.

NC DK44484 (NIDDK)  
DK52230 (NIDDK)  
SO Journal of biological chemistry, (1997 Jul 18) 272 (29) 18504-7.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U20344  
EM 199708  
ED Entered STN: 19970902  
Last Updated on STN: 19990129  
Entered Medline: 19970818

L23 ANSWER 129 OF 310 MEDLINE on STN  
AN 97361752 MEDLINE  
DN PubMed ID: 9218713  
TI An improved GFP cloning cassette designed for prokaryotic  
transcriptional fusions.  
AU Miller W G; Lindow S E  
CS Department of Plant and Microbial Biology, University of California,  
Berkeley 94720, USA.  
SO Gene, (1997 Jun 3) 191 (2) 149-53.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 19980206  
Entered Medline: 19970807

L23 ANSWER 130 OF 310 MEDLINE on STN  
AN 97355780 MEDLINE  
DN PubMed ID: 9212261  
TI Electrophysiological analysis of dorsal root ganglion neurons pre- and  
post-coexpression of green fluorescent protein and functional 5-HT3  
receptor.  
AU Smith G M; Berry R L; Yang J; Tanelian D  
CS The Eugene McDermott Center for Pain Management, Department of  
Anesthesiology and Pain Management, University of Texas Southwestern  
Medical Center, Dallas 75235-9068, USA.  
NC NS-337766 (NINDS)  
SO Journal of neurophysiology, (1997 Jun) 77 (6) 3115-21.  
Journal code: 0375404. ISSN: 0022-3077.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970902  
Last Updated on STN: 19970902  
Entered Medline: 19970819

L23 ANSWER 131 OF 310 MEDLINE on STN  
AN 97352458 MEDLINE  
DN PubMed ID: 9208853  
TI Ca2+-triggered peptide secretion in single cells imaged with green  
fluorescent protein and evanescent-wave microscopy.  
CM Erratum in: Neuron 1997 Aug;19(2):following 463  
AU Lang T; Wacker I; Steyer J; Kaether C; Wunderlich I; Soldati T; Gerdes H  
H; Almers W  
CS Max-Planck-Institut fur Medizinische Forschung, Heidelberg, Federal

Republic of Germany.  
SO Neuron, (1997 Jun) 18 (6) 857-63.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970812  
Last Updated on STN: 19990129  
Entered Medline: 19970728

L23 ANSWER 132 OF 310 MEDLINE on STN  
AN 97345661 MEDLINE  
DN PubMed ID: 9202153  
TI Identification of a novel nuclear localization signal in Sam68.  
AU Ishidate T; Yoshihara S; Kawasaki Y; Roy B C; Toyoshima K; Akiyama T  
CS Department of Oncogene Research, Institute for Microbial Diseases, Osaka University, Suita, Japan.  
SO FEBS letters, (1997 Jun 9) 409 (2) 237-41.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970724  
Last Updated on STN: 19980206  
Entered Medline: 19970714

L23 ANSWER 133 OF 310 MEDLINE on STN  
AN 97344274 MEDLINE  
DN PubMed ID: 9199168  
TI The first 35 amino acids and fatty acylation sites determine the molecular targeting of endothelial nitric oxide synthase into the Golgi region of cells: a green fluorescent protein study.  
AU Liu J; Hughes T E; Sessa W C  
CS Molecular Cardiology Program and the Department of Pharmacology, Boyer Center for Molecular Medicine, Yale University School of Medicine, New Haven, Connecticut 06536-0812, USA.  
NC F32-HL09224 (NHLBI)  
HL40974 (NHLBI)  
HL51948 (NHLBI)  
+  
SO Journal of cell biology, (1997 Jun 30) 137 (7) 1525-35.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970805  
Last Updated on STN: 19980206  
Entered Medline: 19970723

L23 ANSWER 134 OF 310 MEDLINE on STN  
AN 97344087 MEDLINE  
DN PubMed ID: 9200614  
TI Calcium-induced restructuring of nuclear envelope and endoplasmic reticulum calcium stores.  
AU Subramanian K; Meyer T  
CS Department of Cell Biology, Duke University Medical Center, Durham, North Carolina 27710, USA.  
NC GM-48113 (NIGMS)

GM-51457 (NIGMS)  
SO Cell, (1997 Jun 13) 89 (6) 963-71.  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970812  
Last Updated on STN: 20000303  
Entered Medline: 19970728

L23 ANSWER 135 OF 310 MEDLINE on STN  
AN 97343180 MEDLINE  
DN PubMed ID: 9199809  
TI Photoacoustic analysis of proteins: volumetric signals and fluorescence quantum yields.  
AU Kurian E; Prendergast F G; Small J R  
CS Department of Biochemistry and Molecular Biology, Mayo Foundation, Rochester, Minnesota 55905, USA.  
SO Biophysical journal, (1997 Jul) 73 (1) 466-76.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970908  
Last Updated on STN: 19970908  
Entered Medline: 19970827

L23 ANSWER 136 OF 310 MEDLINE on STN  
AN 97342851 MEDLINE  
DN PubMed ID: 9197266  
TI Exchange of protein molecules through connections between higher plant plastids.  
AU Kohler R H; Cao J; Zipfel W R; Webb W W; Hanson M R  
CS Section of Genetics and Development, Cornell University, Biotechnology Building, Ithaca, NY 14853-2703, USA.  
NC R07719 (NCRR)  
RR04224  
SO Science, (1997 Jun 27) 276 (5321) 2039-42.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970724  
Last Updated on STN: 19980206  
Entered Medline: 19970716

L23 ANSWER 137 OF 310 MEDLINE on STN  
AN 97342553 MEDLINE  
DN PubMed ID: 9199250  
TI Green fluorescent protein as a reporter of gene expression in transgenic mice.  
AU Chiocchetti A; Tolosano E; Hirsch E; Silengo L; Altruda F  
CS Department of Genetics, Biology and Medical Chemistry, University of Turin, Italy.  
SO Biochimica et biophysica acta, (1997 May 30) 1352 (2) 193-202.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970724  
Last Updated on STN: 19980206  
Entered Medline: 19970714

L23 ANSWER 138 OF 310 MEDLINE on STN  
AN 97332348 MEDLINE  
DN PubMed ID: 9188582  
TI Analysis of a recombinant mouse hepatitis virus expressing a foreign gene reveals a novel aspect of coronavirus transcription.  
AU Fischer F; Stegen C-F; Koetzner C-A; Masters P-S  
CS Department of Biomedical Sciences, State University of New York at Albany, 12237, USA.  
NC AI 31622 (NIAID)  
AI 39544 (NIAID)  
SO Journal of virology, (1997 Jul) 71 (7) 5148-60.  
Journal code: 0113724. ISSN: 0022-538X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721  
Last Updated on STN: 19980206  
Entered Medline: 19970710

L23 ANSWER 139 OF 310 MEDLINE on STN  
AN 97329349 MEDLINE  
DN PubMed ID: 9185862  
TI Novel green fluorescent protein (GFP) baculovirus expression vectors.  
AU Wu C; Liu H; Crossen R; Gruenwald S; Singh S  
CS Department of Molecular and Cellular Biology, PharMingen, San Diego, CA 92121, USA.  
SO Gene, (1997 Apr 29) 190 (1) 157-62.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721  
Last Updated on STN: 19980206  
Entered Medline: 19970707

L23 ANSWER 140 OF 310 MEDLINE on STN  
AN 97327759 MEDLINE  
DN PubMed ID: 9182665  
TI Spindle dynamics during meiosis in Drosophila oocytes.  
AU Endow S A; Komma D J  
CS Department of Microbiology, Duke University Medical Center, Durham, North Carolina 27710, USA.. endow@galactose.mc.duke.edu  
SO Journal of cell biology, (1997 Jun 16) 137 (6) 1321-36.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970805  
Last Updated on STN: 19980206  
Entered Medline: 19970721

L23 ANSWER 141 OF 310 MEDLINE on STN  
 AN 97327751 MEDLINE  
 DN PubMed ID: 9182657  
 TI Partitioning of the Golgi apparatus during mitosis in living HeLa cells.  
 AU Shima D T; Halдар K; Pepperkok R; Watson R; Warren G  
 CS Cell Biology Laboratory, Imperial Cancer Research Fund, London WC2A, 3PX, UK.  
 SO Journal of cell biology, (1997 Jun 16) 137 (6) 1211-28.  
 Journal code: 0375356. ISSN: 0021-9525.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199707  
 ED Entered STN: 19970805  
 Last Updated on STN: 19980206  
 Entered Medline: 19970721

L23 ANSWER 142 OF 310 MEDLINE on STN  
 AN 97327494 MEDLINE  
 DN PubMed ID: 9184161  
 TI Chromophore formation in green fluorescent protein.  
 AU Reid B G; Flynn G C  
 CS Institute of Molecular Biology and Department of Chemistry, University of Oregon, Eugene 97403, USA.  
 SO Biochemistry, (1997 Jun 3) 36 (22) 6786-91.  
 Journal code: 0370623. ISSN: 0006-2960.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199707  
 ED Entered STN: 19970721  
 Last Updated on STN: 19980206  
 Entered Medline: 19970703

L23 ANSWER 143 OF 310 MEDLINE on STN  
 AN 97322361 MEDLINE  
 DN PubMed ID: 9177206  
 TI Promoter analysis in living zebrafish embryos identifies a cis-acting motif required for neuronal expression of GATA-2.  
 AU Meng A; Tang H; Ong B A; Farrell M J; Lin S  
 CS Institute of Molecular Medicine and Genetics, Department of Biochemistry and Molecular Biology, Medical College of Georgia, Augusta, GA 30912, USA.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Jun 10) 94 (12) 6267-72.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199707  
 ED Entered STN: 19970721  
 Last Updated on STN: 19980206  
 Entered Medline: 19970710

L23 ANSWER 144 OF 310 MEDLINE on STN  
 AN 97320427 MEDLINE  
 DN PubMed ID: 9177278  
 TI Green fluorescent protein variants as markers of retroviral-mediated gene transfer in primary hematopoietic cells and cell lines.  
 AU Bierhuizen M F; Westerman Y; Visser T P; Wognum A W; Wagemaker G  
 CS Institute of Hematology, Erasmus University Rotterdam, The Netherlands.

SO Biochemical and biophysical research communications, (1997 May 19)  
234 (2) 371-5.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721  
Last Updated on STN: 19980206  
Entered Medline: 19970710

L23 ANSWER 145 OF 310 MEDLINE on STN  
AN 97318938 MEDLINE  
DN PubMed ID: 9175875  
TI 'Green mice' as a source of ubiquitous green cells.  
AU Okabe M; Ikawa M; Kominami K; Nakanishi T; Nishimune Y  
CS Research Institute for Microbial Diseases, Osaka University, Suita,  
Japan.. okabe@biken.osaka-u.ac.jp  
SO FEBS letters, (1997 May 5) 407 (3) 313-9.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970716  
Last Updated on STN: 19980206  
Entered Medline: 19970701

L23 ANSWER 146 OF 310 MEDLINE on STN  
AN 97318854 MEDLINE  
DN PubMed ID: 9175791  
TI Controlled gene expression with a reverse tetracycline-regulated  
retroviral vector (RTRV) system.  
AU Watsuji T; Okamoto Y; Emi N; Katsuoka Y; Hagiwara M  
CS Department of Endocrinology, Medical Research Institute, Tokyo Medical and  
Dental University, Bunkyo-ku, Japan.  
SO Biochemical and biophysical research communications, (1997 May 29)  
234 (3) 769-73.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970716  
Last Updated on STN: 19980206  
Entered Medline: 19970630

L23 ANSWER 147 OF 310 MEDLINE on STN  
AN 97318688 MEDLINE  
DN PubMed ID: 9175625  
TI Trafficking of the androgen receptor in living cells with fused green  
fluorescent protein-androgen receptor.  
AU Georget V; Lobaccaro J M; Terouanne B; Mangeat P; Nicolas J C; Sultan C  
CS Institut National de la Sante et de la Recherche Medicale, INSERM U439,  
Pathologie Moleculaire des Recepteurs Nucleaires, Montpellier, France.  
SO Molecular and cellular endocrinology, (1997 Apr 25) 129 (1)  
17-26.  
Journal code: 7500844. ISSN: 0303-7207.  
CY Ireland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English



FS Priority Journals  
EM 199708  
ED Entered STN: 19970825  
Last Updated on STN: 19980206  
Entered Medline: 19970811

L23 ANSWER 148 OF 310 MEDLINE on STN  
AN 97314788 MEDLINE  
DN PubMed ID: 9170952  
TI Nuclear transport visualized by protein tagging systems including  
GFP.

AU Kimata Y; Lim C R; Tsuru A; Kohno K  
CS Nara Institute of Science and Technology, -Japan.-  
SO Tanpakushitsu kakusan koso. Protein, nucleic acid, enzyme, (1997  
May) 42 (7 Suppl) 1187-92. Ref: 24  
Journal code: 0413762. ISSN: 0039-9450.

CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)

LA Japanese  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970805  
Last Updated on STN: 19980206  
Entered Medline: 19970722

L23 ANSWER 149 OF 310 MEDLINE on STN  
AN 97313456 MEDLINE  
DN PubMed ID: 9169450  
TI Visualization of G protein-coupled receptor trafficking with the aid of  
the green fluorescent protein. Endocytosis and recycling of  
cholecystokinin receptor type A.

AU Tarasova N I; Stauber R H; Choi J K; Hudson E A; Czerwinski G; Miller J L;  
Pavakis G N; Michejda C J; Wank S A  
CS Molecular Aspects of Drug Design Section, ABL-Basic Research Program,  
NCI-Frederick Cancer Research and Development Center, Frederick, Maryland  
21702, USA.

SO Journal of biological chemistry, (1997 Jun 6) 272 (23) 14817-24.  
Journal code: 2985121R. ISSN: 0021-9258.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19980206  
Entered Medline: 19970626

L23 ANSWER 150 OF 310 MEDLINE on STN  
AN 97312545 MEDLINE  
DN PubMed ID: 9168986  
TI Membrane binding and enzymatic activation of a Dbl homology domain require  
the neighboring pleckstrin homology domain.

AU Wang D S; Deng T; Shaw G  
CS Department of Neuroscience, University of Florida College of Medicine,  
Gainesville 32610, USA.

NC NS22695 (NINDS)  
SO Biochemical and biophysical research communications, (1997 May 8)  
234 (1) 183-9.  
Journal code: 0372516. ISSN: 0006-291X.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 20021022  
Entered Medline: 19970624

L23 ANSWER 151 OF 310 MEDLINE on STN  
AN 97312520 MEDLINE  
DN PubMed ID: 9168961  
TI Selective clinical ultrasound signals mediate differential gene transfer  
and expression in two human prostate cancer cell lines: LnCap and PC-3.  
AU Tata D B; Dunn F; Tindall D J  
CS Urology Research, Mayo Foundation, Rochester, Minnesota 55905, USA.  
SO Biochemical and biophysical research communications, (1997 May 8)  
234 (1) 64-7.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19980206  
Entered Medline: 19970624

L23 ANSWER 152 OF 310 MEDLINE on STN  
AN 97311761 MEDLINE  
DN PubMed ID: 9168476  
TI Role of Dictyostelium race in cytokinesis: mutational analysis and  
localization studies by use of green fluorescent protein.  
AU Laroche D A; Vithalani K K; De Lozanne A  
CS Department of Cell Biology, Duke University Medical Center, Durham, North  
Carolina 27710, USA.  
NC GM 48745 (NIGMS)  
SO Molecular biology of the cell, (1997 May) 8 (5) 935-44.  
Journal code: 9201390. ISSN: 1059-1524.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 20000303  
Entered Medline: 19970805

L23 ANSWER 153 OF 310 MEDLINE on STN  
AN 97311404 MEDLINE  
DN PubMed ID: 9168121  
TI A bacterial cloning vector using a mutated Aequorea green fluorescent  
protein as an indicator.  
AU Inouye S; Ogawa H; Yasuda K; Umesono K; Tsuji F I  
CS Scripps Institution of Oceanography, Marine Biology Research Division,  
University of California at San Diego, 92093, USA.  
SO Gene, (1997 Apr 21) 189 (2) 159-62.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U56995; GENBANK-U56996; GENBANK-U56997  
EM 199706  
ED Entered STN: 19970630  
Last Updated on STN: 19980206  
Entered Medline: 19970616

L23 ANSWER 154 OF 310 MEDLINE on STN  
 AN 97311068 MEDLINE  
 DN PubMed ID: 9166399  
 TI The dynamic organization of the perinucleolar compartment in the cell nucleus.  
 AU Huang S; Deerinck T J; Ellisman M H; Spector D L  
 CS Cold Spring Harbor Laboratory, Cold Spring Harbor, New York 11724, USA..  
 huang@cshl.org  
 NC GM42694 (NIGMS)  
 SO Journal of cell biology, (1997 Jun 2) 137 (5) 965-74.  
 Journal code: 0375356. ISSN: 0021-9525.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970716  
 Last Updated on STN: 19980206  
 Entered Medline: 19970630

L23 ANSWER 155 OF 310 MEDLINE on STN  
 AN 97309491 MEDLINE  
 DN PubMed ID: 9166906  
 TI Single molecular assay of individual ATP turnover by a myosin-GFP fusion protein expressed in vitro.  
 AU Iwane A H; Funatsu T; Harada Y; Tokunaga M; Ohara O; Morimoto S; Yanagida T  
 CS Department of Biophysical Engineering, Faculty of Engineering Science, Osaka University, Toyonaka, Japan.. iwane@bpe.es.osaka-u.ac.jp  
 SO FEBS letters, (1997 Apr 28) 407 (2) 235-8.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970709  
 Last Updated on STN: 19980206  
 Entered Medline: 19970623

L23 ANSWER 156 OF 310 MEDLINE on STN  
 AN 97301602 MEDLINE  
 DN PubMed ID: 9158003  
 TI Cancer invasion and micrometastasis visualized in live tissue by green fluorescent protein expression.  
 AU Chishima T; Miyagi Y; Wang X; Yamaoka H; Shimada H; Moossa A R; Hoffman R M  
 CS Department of Surgery, Yokohama City University School of Medicine, Yokohama, Japan.  
 SO Cancer research, (1997 May 15) 57 (10) 2042-7.  
 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970620  
 Last Updated on STN: 19980206  
 Entered Medline: 19970610

L23 ANSWER 157 OF 310 MEDLINE on STN  
 AN 97289535 MEDLINE  
 DN PubMed ID: 9144440

TI Generation of the replication-competent human immunodeficiency virus type 1 which expresses a jellyfish green fluorescent protein.  
 AU Lee A H; Han J M; Sung Y C  
 CS Department of Life Science, Pohang University of Science and Technology, Kyung-Puk, Korea.  
 SO Biochemical and biophysical research communications, (1997 Apr 7) 233 (1) 288-92.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; AIDS  
 EM 199706  
 ED Entered STN: 19970612  
 Last Updated on STN: 19980206  
 Entered Medline: 19970605

L23 ANSWER 158 OF 310 MEDLINE on STN  
 AN 97285697 MEDLINE  
 DN PubMed ID: 9140914  
 TI Expression of the green fluorescent protein (GFP) in mycobacterium avium as a tool to study the interaction between Mycobacteria and host cells.  
 AU Parker A E; Bermudez L E  
 CS San Francisco State University, CA 94115, USA.  
 NC AI-25769 (NIAID)  
 SO Microbial pathogenesis, (1997 Apr) 22 (4) 193-8.  
 Journal code: 8606191. ISSN: 0882-4010.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199708  
 ED Entered STN: 19970813  
 Last Updated on STN: 19980206  
 Entered Medline: 19970805

L23 ANSWER 159 OF 310 MEDLINE on STN  
 AN 97284718 MEDLINE  
 DN PubMed ID: 9139695  
 TI Chaperonin-mediated folding of green fluorescent protein.  
 AU Makino Y; Amada K; Taguchi H; Yoshida M  
 CS Research Laboratory of Resources Utilization, Tokyo Institute of Technology, Nagatsuta 4259, Midori-ku, Yokohama 226, Japan.  
 SO Journal of biological chemistry, (1997 May 9) 272 (19) 12468-74.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970630  
 Last Updated on STN: 19980206  
 Entered Medline: 19970616

L23 ANSWER 160 OF 310 MEDLINE on STN  
 AN 97278319 MEDLINE  
 DN PubMed ID: 9131626  
 TI Selective production of transgenic mice using green fluorescent protein as a marker.  
 AU Takada T; Iida K; Awaji T; Itoh K; Takahashi R; Shibui A; Yoshida K; Sugano S; Tsujimoto G  
 CS Molecular, Cell Pharmacology, National Children's Medical Research Center, Tokyo, Japan.. ttakada@nch.go.jp

SO Nature biotechnology, (1997 May) 15 (5) 458-61.  
Journal code: 9604648. ISSN: 1087-0156.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 20000303  
Entered Medline: 19970807

L23 ANSWER 161 OF 310 MEDLINE on STN

AN 97277175 MEDLINE  
DN PubMed ID: 9115362  
TI Delivery of bacterial artificial chromosomes into mammalian cells with  
psoralen-inactivated adenovirus carrier.  
AU Baker A; Cotten M  
CS Institute for Molecular Pathology (IMP), Dr BohrGasse 7, 1030 Vienna,  
Austria.  
SO Nucleic acids research, (1997 May 15) 25 (10) 1950-6.  
Journal code: 0411011. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19980206  
Entered Medline: 19970623

L23 ANSWER 162 OF 310 MEDLINE on STN

AN 97272292 MEDLINE  
DN PubMed ID: 9114058  
TI Bipolar localization of a chromosome partition protein in Bacillus  
subtilis.  
AU Lin D C; Levin P A; Grossman A D  
CS Department of Biology, Building 68-530, Massachusetts Institute of  
Technology, Cambridge, MA 02139, USA.  
NC GM41934 (NIGMS)  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1997 Apr 29) 94 (9) 4721-6.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970527

L23 ANSWER 163 OF 310 MEDLINE on STN

AN 97272280 MEDLINE  
DN PubMed ID: 9114046  
TI A new reporter cell line to monitor HIV infection and drug susceptibility  
in vitro.  
AU Gervais A; West D; Leoni L M; Richman D D; Wong-Staal F; Corbeil J  
CS Department of Medicine, University of California San Diego, 9500 Gilman  
Drive, La Jolla, CA 92093-0679, USA.  
NC 1 P30 AI 36214 (NIAID)  
CA67394-02 (NCI)  
DK49618 (NIDDK)  
+  
SO Proceedings of the National Academy of Sciences of the United States of

America, (1997 Apr 29) 94 (9) 4653-8.  
Journal code: 7505876. ISSN: 0027-8424.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970527

L23 ANSWER 164 OF 310 MEDLINE on STN

AN 97268428 MEDLINE  
DN PubMed ID: 9113659  
TI Expression and detection of green fluorescent protein (GFP).  
AU Kain S R; Kitts P  
CS CLONTECH Laboratories Inc., Palo Alto, CA, USA.  
SO Methods in molecular biology (Clifton, N.J.), (1997) 63 305-24.  
Journal code: 9214969. ISSN: 1064-3745.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19980206  
Entered Medline: 19970623

L23 ANSWER 165 OF 310 MEDLINE on STN

AN 97268108 MEDLINE  
DN PubMed ID: 9113393  
TI Zeugmatin is part of the Z-band targeting region of titin.  
AU Turnacioglu K K; Mittal B; Dabiri G A; Sanger J M; Sanger J W  
CS Department of Cell and Developmental Biology, Pennsylvania Muscle  
Institute, University of Pennsylvania, Philadelphia 19104-6058, USA.  
NC HL 14142 (NHLBI)  
HL 48954 (NHLBI)  
SO Cell structure and function, (1997 Feb) 22 (1) 73-82.  
Journal code: 7608465. ISSN: 0386-7196.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970908  
Last Updated on STN: 19970908  
Entered Medline: 19970825

L23 ANSWER 166 OF 310 MEDLINE on STN

AN 97260971 MEDLINE  
DN PubMed ID: 9107047  
TI The green fluorescent protein as a marker to visualize plant mitochondria  
in vivo.  
AU Kohler R H; Zipfel W R; Webb W W; Hanson M R  
CS Section of Genetics and Development, Cornell University, Ithaca, NY 14853,  
USA.. rhk2@cornell.edu  
NC R07719 (NCRR)  
RR04224  
SO Plant journal : for cell and molecular biology, (1997 Mar) 11  
(3) 613-21.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970527

L23 ANSWER 167 OF 310 MEDLINE on STN  
AN 97260967 MEDLINE  
DN PubMed ID: 9107043  
TI Green-fluorescent protein fusions for efficient characterization of nuclear targeting.  
AU Grebenok R J; Pierson E; Lambert G M; Gong F C; Afonso C L; Haldeman-Cahill R; Carrington J C; Galbraith D W  
CS Department of Plant Sciences, University of Arizona, Tucson 85721, USA.  
SO Plant journal : for cell and molecular biology, (1997 Mar) 11 (3) 573-86.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970527

L23 ANSWER 168 OF 310 MEDLINE on STN  
AN 97259568 MEDLINE  
DN PubMed ID: 9105669  
TI Structural organization of the human vesicular monoamine transporter type-2 gene and promoter analysis using the jelly fish green fluorescent protein as a reporter.  
AU Xu W; Liu L; Mooslehner K; Emson P C  
CS Department of Neurobiology, Babraham Institute, Cambridge, UK.. w.xu@ucl.ac.uk  
SO Brain research. Molecular brain research, (1997 Apr) 45 (1) 41-9.  
Journal code: 8908640. ISSN: 0169-328X.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-X94079; GENBANK-X94080  
EM 199708  
ED Entered STN: 19970908  
Last Updated on STN: 19970908  
Entered Medline: 19970827

L23 ANSWER 169 OF 310 MEDLINE on STN  
AN 97259518 MEDLINE  
DN PubMed ID: 9105619  
TI Identification of recombinant baculoviruses using green fluorescent protein as a selectable marker.  
AU Wilson L E; Wilkinson N; Marlow S A; Possee R D; King L A  
CS Oxford Brookes University, NERC Institute of Virology and Environmental Microbiology, England, UK.  
SO BioTechniques, (1997 Apr) 22 (4) 674-6, 678-81.  
Journal code: 8306785. ISSN: 0736-6205.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721

Last Updated on STN: 19980206  
Entered Medline: 19970708

L23 ANSWER 170 OF 310 MEDLINE on STN  
AN 97255001 MEDLINE  
DN PubMed ID: 9100383  
TI Continual green-fluorescent protein monitoring of cauliflower mosaic virus 35S promoter activity in nematode-induced feeding cells in *Arabidopsis thaliana*.  
AU Urwin P E; Moller S G; Lilley C J; McPherson M J; Atkinson H J  
CS Centre for Plant Biochemistry and Biotechnology, University of Leeds, UK.  
SO Molecular plant-microbe interactions : MPMI, (1997 Apr) 10 (3) 394-400.  
Journal code: 9107902. ISSN: 0894-0282.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970620  
Last Updated on STN: 19980206  
Entered Medline: 19970606

L23 ANSWER 171 OF 310 MEDLINE on STN  
AN 97254451 MEDLINE  
DN PubMed ID: 9099861  
TI Suicide plasmids containing promoterless reporter genes can simultaneously disrupt and create fusions to target genes of diverse bacteria.  
AU Kalogeraki V S; Winans S C  
CS Section of Microbiology, Cornell University, Ithaca, NY 14853, USA.  
NC GM42893 (NIGMS)  
SO Gene, (1997 Mar 25) 188 (1) 69-75.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970602  
Last Updated on STN: 19980206  
Entered Medline: 19970519

L23 ANSWER 172 OF 310 MEDLINE on STN  
AN 97250728 MEDLINE  
DN PubMed ID: 9162490  
TI Cell-free expression of a GFP fusion protein allows quantitation in vitro and in vivo.  
AU Kahn T W; Beachy R N; Falk M M  
SO Current biology : CB, (1997 Apr 1) 7 (4) R207-8.  
Journal code: 9107782. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Letter  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970529

L23 ANSWER 173 OF 310 MEDLINE on STN  
AN 97244447 MEDLINE  
DN PubMed ID: 9089287  
TI Nuclear localisation of calreticulin in vivo is enhanced by its interaction with glucocorticoid receptors.



AU Roderick H L; Campbell A K; Llewellyn D H  
CS Department of Medical Biochemistry, University of Wales College of  
Medicine, Cardiff, UK.  
SO FEBS letters, (1997 Mar 24) 405 (2) 181-5.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970507  
Last Updated on STN: 19980206  
Entered Medline: 19970501

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L23 ANSWER 174 OF 310 MEDLINE on STN  
AN 97242437 MEDLINE  
DN PubMed ID: 9087436  
TI In vivo dynamics of nuclear pore complexes in yeast.  
AU Bucci M; Wente S R  
CS Department of Cell Biology and Physiology, Washington University School of  
Medicine, St. Louis, Missouri 63110, USA.  
SO Journal of cell biology, (1997 Mar 24) 136 (6) 1185-99.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970514  
Last Updated on STN: 19980206  
Entered Medline: 19970506

L23 ANSWER 175 OF 310 MEDLINE on STN  
AN 97237215 MEDLINE  
DN PubMed ID: 9083693  
TI Photobleaching recovery and anisotropy decay of green fluorescent protein  
GFP-S65T in solution and cells: cytoplasmic viscosity probed by  
green fluorescent protein translational and rotational diffusion.  
AU Swaminathan R; Hoang C P; Verkman A S  
CS Department of Medicine, University of California, San Francisco 94143,  
USA.  
NC DK16095 (NIDDK)  
DK43840 (NIDDK)  
HL42368 (NHLBI)  
SO Biophysical journal, (1997 Apr) 72 (4) 1900-7.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970916  
Last Updated on STN: 19980206  
Entered Medline: 19970902

L23 ANSWER 176 OF 310 MEDLINE on STN  
AN 97236801 MEDLINE  
DN PubMed ID: 9079673  
TI Visualization of mitochondrial protein import in cultured mammalian cells  
with green fluorescent protein and effects of overexpression of the human  
import receptor Tom20.  
AU Yano M; Kanazawa M; Terada K; Namchai C; Yamaizumi M; Hanson B; Hoogenraad  
N; Mori M  
CS Department of Molecular Genetics, Kumamoto University School of Medicine,

Kumamoto 862, Japan.  
SO Journal of biological chemistry, (1997 Mar 28) 272 (13) 8459-65.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970514  
Last Updated on STN: 19980206  
Entered Medline: 19970502

L23 ANSWER 177 OF 310 MEDLINE on STN  
AN 97236599 MEDLINE  
DN PubMed ID: 9083295  
TI Transcriptional activation of a hybrid promoter composed of  
cytomegalovirus enhancer and beta-actin/beta-globin gene in glomerular  
epithelial cells in vivo.  
AU Akagi Y; Isaka Y; Akagi A; Ikawa M; Takenaka M; Moriyama T; Yamauchi A;  
Horio M; Ueda N; Okabe M; Imai E  
CS The First Department of Medicine, Osaka University School of Medicine,  
Japan.  
SO Kidney international, (1997 Apr) 51 (4) 1265-9.  
Journal code: 0323470. ISSN: 0085-2538.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19980206  
Entered Medline: 19970620

L23 ANSWER 178 OF 310 MEDLINE on STN  
AN 97236282 MEDLINE  
DN PubMed ID: 9125154  
TI A novel mutation which enhances the fluorescence of green fluorescent  
protein at high temperatures.  
AU Kimata Y; Iwaki M; Lim C R; Kohno K  
CS Research and Education Center for Genetic Information, Nara Institute of  
Science and Technology, Japan.  
SO Biochemical and biophysical research communications, (1997 Mar 6)  
232 (1) 69-73.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199704  
ED Entered STN: 19970506  
Last Updated on STN: 19980206  
Entered Medline: 19970422

L23 ANSWER 179 OF 310 MEDLINE on STN  
AN 97234858 MEDLINE  
DN PubMed ID: 9173893  
TI Intracellular targeting and homotetramer formation of a truncated inositol  
1,4,5-trisphosphate receptor-green fluorescent protein chimera in Xenopus  
laevis oocytes: evidence for the involvement of the transmembrane spanning  
domain in endoplasmic reticulum targeting and homotetramer complex  
formation.  
AU Sayers L G; Miyawaki A; Muto A; Takeshita H; Yamamoto A; Michikawa T;  
Furuichi T; Mikoshiba K  
CS Department of Molecular Neurobiology, Institute of Medical Science,

University of Tokyo, 4-6-1 Shiroganedai, Minato-ku, Tokyo 108.  
SO Biochemical journal, (1997 Apr 1) 323 ( Pt 1) 273-80.  
Journal code: 2984726R. ISSN: 0264-6021.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970612  
Last Updated on STN: 19980206  
Entered Medline: 19970603

L23 ANSWER 180 OF 310 MEDLINE on STN  
AN 97227322 MEDLINE  
DN PubMed ID: 9172644  
TI A molecular mechanics and database analysis of the structural  
preorganization and activation of the chromophore-containing hexapeptide  
fragment in green fluorescent protein.  
AU Branchini B R; Lusins J O; Zimmer M  
CS Chemistry Department, Connecticut College, New London 06320, USA.  
SO Journal of biomolecular structure & dynamics, (1997 Feb) 14 (4)  
441-8.  
Journal code: 8404176. ISSN: 0739-1102.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970612  
Last Updated on STN: 19980206  
Entered Medline: 19970605

L23 ANSWER 181 OF 310 MEDLINE on STN  
AN 97221745 MEDLINE  
DN PubMed ID: 9068791  
TI Efficient transduction of green fluorescent protein in spinal cord neurons  
using adeno-associated virus vectors containing cell type-specific  
promoters.  
AU Peel A L; Zolotukhin S; Schrimsher G W; Muzyczka N; Reier P J  
CS Department of Neuroscience, University of Florida Brain Institute,  
Guinesville 32607, USA.  
NC GM 3572302 (NIGMS)  
HL/DK 50257 (NHLBI)  
MH 15737 (NIMH)  
SO Gene therapy, (1997 Jan) 4 (1) 16-24.  
Journal code: 9421525. ISSN: 0969-7128.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199704  
ED Entered STN: 19970422  
Last Updated on STN: 19980206  
Entered Medline: 19970408

L23 ANSWER 182 OF 310 MEDLINE on STN  
AN 97221609 MEDLINE  
DN PubMed ID: 9068655  
TI Association of the histone-like protein HBSu with the nucleoid of Bacillus  
subtilis.  
AU Kohler P; Marahiel M A  
CS Biochemie/Fachbereich Chemie, Philipps-Universitat Marburg, Germany.  
SO Journal of bacteriology, (1997 Mar) 179 (6) 2060-4.  
Journal code: 2985120R. ISSN: 0021-9193.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199704  
ED Entered STN: 19970422  
Last Updated on STN: 19980206  
Entered Medline: 19970408

L23 ANSWER 183 OF 310 MEDLINE on STN  
AN 97215601 MEDLINE  
DN PubMed ID: 9061948

TI Dynamics of phragmoplastin in living cells during cell-plate formation and uncoupling of cell elongation from the plane of cell division.

AU Gu X; Verma D P

CS Department of Molecular Genetics, Ohio State University, Columbus 43210, USA.

SO Plant cell, (1997 Feb) 9 (2) 157-69.

Journal code: 9208688. ISSN: 1040-4651.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199705

ED Entered STN: 19970609

Last Updated on STN: 20000303

Entered Medline: 19970529

L23 ANSWER 184 OF 310 MEDLINE on STN  
AN 97201456 MEDLINE  
DN PubMed ID: 9049242

TI Dynamics of nuclear pore distribution in nucleoporin mutant yeast cells.

AU Belgareh N; Doye V

CS Centre National de la Recherche Scientifique (CNRS) UMR144, Institut Curie, Paris, France.

SO Journal of cell biology, (1997 Feb 24) 136 (4) 747-59.

Journal code: 0375356. ISSN: 0021-9525.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199703

ED Entered STN: 19970327

Last Updated on STN: 19980206

Entered Medline: 19970320

L23 ANSWER 185 OF 310 MEDLINE on STN  
AN 97199449 MEDLINE  
DN PubMed ID: 9276759

TI Coronin and vacuolin identify consecutive stages of a late, actin-coated endocytic compartment in Dictyostelium.

AU Rauchenberger R; Hacker U; Murphy J; Niewohner J; Maniak M

CS Abteilung Zellbiologie, Max-Planck-Institut für Biochemie, D-82152 Martinsried, Germany.

SO Current biology : CB, (1997 Mar 1) 7 (3) 215-8.

Journal code: 9107782. ISSN: 0960-9822.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AF014049

EM 199705

ED Entered STN: 19970609

Last Updated on STN: 20000303

Entered Medline: 19970529

L23 ANSWER 186 OF 310 MEDLINE on STN  
AN 97199441 MEDLINE  
DN PubMed ID: 9276758  
TI Microfilament dynamics during cell movement and chemotaxis monitored using a GFP-actin fusion protein.  
AU Westphal M; Jungbluth A; Heidecker M; Muhlbauer B; Heizer C; Schwartz J M; Marriott G; Gerisch G  
CS Max-Planck-Institut fur Biochemie, D-82152 Martinsried, Germany.  
SO Current biology : CB, (1997 Mar 1) 7 (3) 176-83.  
Journal code: 9107782. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19980206  
Entered Medline: 19970529

L23 ANSWER 187 OF 310 MEDLINE on STN  
AN 97197980 MEDLINE  
DN PubMed ID: 9046096  
TI Histone H1 in Saccharomyces cerevisiae.  
AU Ushinsky S C; Bussey H; Ahmed A A; Wang Y; Friesen J; Williams B A; Storms R K  
CS Concordia University, Department of Biology, Montreal, Quebec, Canada.  
SO Yeast (Chichester, England), (1997 Feb) 13 (2) 151-61.  
Journal code: 8607637. ISSN: 0749-503X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U43503  
EM 199705  
ED Entered STN: 19970523  
Last Updated on STN: 19980206  
Entered Medline: 19970515

L23 ANSWER 188 OF 310 MEDLINE on STN  
AN 97196952 MEDLINE  
DN PubMed ID: 9044041  
TI Fluid-phase uptake by macropinocytosis in Dictyostelium.  
AU Hacker U; Albrecht R; Maniak M  
CS Max-Planck-Institut fur Biochemie, Martinsried, Germany.  
SO Journal of cell science, (1997 Jan) 110 ( Pt 2) 105-12.  
Journal code: 0052457. ISSN: 0021-9533.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 19980206  
Entered Medline: 19970804

L23 ANSWER 189 OF 310 MEDLINE on STN  
AN 97165578 MEDLINE  
DN PubMed ID: 9013339  
TI TGN38-green fluorescent protein hybrid proteins expressed in stably transfected eukaryotic cells provide a tool for the real-time, in vivo study of membrane traffic pathways and suggest a possible role for ratTGN38.

AU Girotti M; Banting G  
CS Department of Biochemistry, University of Bristol, UK.  
SO Journal of cell science, (1996 Dec) 109 ( Pt 12) 2915-26.  
Journal code: 0052457. ISSN: 0021-9533.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970630  
Last Updated on STN: 19980206  
Entered Medline: 19970616

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L23 ANSWER 190 OF 310 MEDLINE on STN  
AN 97164686 MEDLINE  
DN PubMed ID: 9012493  
TI An indelible lineage marker for Xenopus using a mutated green fluorescent protein.  
AU Zernicka-Goetz M; Pines J; Ryan K; Siemering K R; Haseloff J; Evans M J; Gurdon J B  
CS Wellcome/CRC Institute, Cambridge, UK.  
SO Development (Cambridge, England), (1996 Dec) 122 (12) 3719-24.  
Journal code: 8701744. ISSN: 0950-1991.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199702  
ED Entered STN: 19970306  
Last Updated on STN: 19980206  
Entered Medline: 19970224

L23 ANSWER 191 OF 310 MEDLINE on STN  
AN 97164397 MEDLINE  
DN PubMed ID: 9011088  
TI Distribution of tobamovirus movement protein in infected cells and implications for cell-to-cell spread of infection.  
AU Padgett H S; Epel B L; Kahn T W; Heinlein M; Watanabe Y; Beachy R N  
CS Division of Plant Biology, Scripps Research Institute, La Jolla, CA 92037, USA.  
SO Plant journal : for cell and molecular biology, (1996 Dec) 10 (6) 1079-88.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Space Life Sciences  
EM 199703  
ED Entered STN: 19970313  
Last Updated on STN: 19980206  
Entered Medline: 19970304

L23 ANSWER 192 OF 310 MEDLINE on STN  
AN 97161449 MEDLINE  
DN PubMed ID: 9008704  
TI Visualization of the peroxisomal compartment in living mammalian cells: dynamic behavior and association with microtubules.  
AU Wiemer E A; Wenzel T; Deerinck T J; Ellisman M H; Subramani S  
CS Department of Biology, University of California at San Diego, La Jolla 92093-0322, USA.  
NC DK41737 (NIDDK)  
NS14718 (NINDS)  
RR04050 (NCRR)  
SO Journal of cell biology, (1997 Jan 13) 136 (1) 71-80.

Journal code: 0375356. ISSN: 0021-9525.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199702  
ED Entered STN: 19970305  
Last Updated on STN: 19980206  
Entered Medline: 19970220

L23 ANSWER 193 OF 310 MEDLINE on STN

AN 97154532 MEDLINE

DN PubMed ID: 9001250

TI AP-1-mediated invasion requires increased expression of the hyaluronan receptor CD44.

AU Lamb R F; Hennigan R F; Turnbull K; Katsanakis K D; MacKenzie E D; Birnie G D; Ozanne B W

CS CRC Beatson Laboratories, Beatson Institute for Cancer Research, Bearsden, Glasgow, Scotland.

SO Molecular and cellular biology, (1997 Feb) 17 (2) 963-76.

Journal code: 8109087. ISSN: 0270-7306.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199702

ED Entered STN: 19970305

Last Updated on STN: 20000303

Entered Medline: 19970218

L23 ANSWER 194 OF 310 MEDLINE on STN

AN 97148198 MEDLINE

DN PubMed ID: 8994830

TI Mutations that suppress the thermosensitivity of green fluorescent protein.

AU Siemering K R; Golbik R; Sever R; Haseloff J

CS MRC Laboratory of Molecular Biology, Cambridge, UK.

SO Current biology : CB, (1996 Dec 1) 6 (12) 1653-63.

Journal code: 9107782. ISSN: 0960-9822.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-U87973; GENBANK-U87974

EM 199702

ED Entered STN: 19970306

Last Updated on STN: 19980206

Entered Medline: 19970227

L23 ANSWER 195 OF 310 MEDLINE on STN

AN 97148192 MEDLINE

DN PubMed ID: 8994824

TI GFP tagging of budding yeast chromosomes reveals that protein-protein interactions can mediate sister chromatid cohesion.

AU Straight A F; Belmont A S; Robinett C C; Murray A W

CS Department of Physiology, School of Medicine, University of California, San Francisco 94143-0444, USA.. straight@cgl.ucsf.edu

SO Current biology : CB, (1996 Dec 1) 6 (12) 1599-608.

Journal code: 9107782. ISSN: 0960-9822.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199702

ED Entered STN: 19970306  
Last Updated on STN: 19980206  
Entered Medline: 19970227

L23 ANSWER 196 OF 310 MEDLINE on STN

AN 97140297 MEDLINE

DN PubMed ID: 8986778

TI Identification of fission yeast nuclear markers using random polypeptide fusions with green fluorescent protein.

AU Sawin K E; Nurse P

CS Cell Cycle Laboratory, Imperial Cancer Research Fund, London, United Kingdom.

SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Dec 24) 93 (26) 15146-51.

Journal code: 7505876. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-L07515; GENBANK-M57574; GENBANK-P23197; GENBANK-Y09282;  
GENBANK-Y09283; GENBANK-Y09284; GENBANK-Y09285; GENBANK-Y09286;  
GENBANK-Y09287; GENBANK-Y09288; GENBANK-Y09289; GENBANK-Y09290

EM 199701

ED Entered STN: 19970219

Last Updated on STN: 19980206

Entered Medline: 19970128

L23 ANSWER 197 OF 310 MEDLINE on STN

AN 97113537 MEDLINE

DN PubMed ID: 8955397

TI Use of green fluorescent protein to visualize the early events of symbiosis between Rhizobium meliloti and alfalfa (Medicago sativa).

AU Gage D J; Bobo T; Long S R

CS Department of Biological Sciences, Stanford University, California 94305-5020, USA.

NC GM16211 (NIGMS)

GM30962 (NIGMS)

SO Journal of bacteriology, (1996 Dec) 178 (24) 7159-66.

Journal code: 2985120R. ISSN: 0021-9193.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199701

ED Entered STN: 19970219

Last Updated on STN: 20000303

Entered Medline: 19970122

L23 ANSWER 198 OF 310 MEDLINE on STN

AN 97105906 MEDLINE

DN PubMed ID: 8948654

TI Optimized codon usage and chromophore mutations provide enhanced sensitivity with the green fluorescent protein.

AU Yang T T; Cheng L; Kain S R

CS Cell Biology Group, CLONTECH Laboratories Inc., Palo Alto, CA 94303-4230, USA.

SO Nucleic acids research, (1996 Nov 15) 24 (22) 4592-3.

Journal code: 0411011. ISSN: 0305-1048.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199701

ED Entered STN: 19970219



Last Updated on STN: 19980206  
Entered Medline: 19970117

L23 ANSWER 199 OF 310 MEDLINE on STN  
AN 97104209 MEDLINE  
DN PubMed ID: 8948367  
TI Detection of HIV-1 infection with a green fluorescent protein reporter system.  
AU Dorsky D I; Wells M; Harrington R D  
CS Division of Infectious Diseases, University of Connecticut Health Center, Farmington, USA.  
NC KO8-AI 01320-02 (NIAID)  
SO Journal of acquired immune deficiency syndromes and human retrovirology : official publication of the International Retrovirology Association, (1996 Dec 1) 13 (4) 308-13.  
Journal code: 9501482. ISSN: 1077-9450.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961220

L23 ANSWER 200 OF 310 MEDLINE on STN  
AN 97098443 MEDLINE  
DN PubMed ID: 8942983  
TI Chemical nature of the light emitter of the Aequorea green fluorescent protein.  
AU Niwa H; Inouye S; Hirano T; Matsuno T; Kojima S; Kubota M; Ohashi M; Tsuji F I  
CS Department of Applied Physics and Chemistry, University of Electro-Communications, Tokyo, Japan.  
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Nov 26) 93 (24) 13617-22.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199701  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19970116

L23 ANSWER 201 OF 310 MEDLINE on STN  
AN 97092838 MEDLINE  
DN PubMed ID: 8938400  
TI An improved green fluorescent protein gene as a vital marker in plants.  
AU Pang S Z; DeBoer D L; Wan Y; Ye G; Layton J G; Neher M K; Armstrong C L; Fry J E; Hinchee M A; Fromm M E  
CS Monsanto Company, St. Louis, Missouri 63198, USA.  
SO Plant physiology, (1996 Nov) 112 (3) 893-900.  
Journal code: 0401224. ISSN: 0032-0889.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199702  
ED Entered STN: 19970219  
Last Updated on STN: 19980206  
Entered Medline: 19970204

L23 ANSWER 202 OF 310 MEDLINE on STN  
 AN 97090394 MEDLINE  
 DN PubMed ID: 8936302  
 TI Use of green fluorescent protein for detection of cell-specific gene expression and subcellular protein localization during sporulation in *Bacillus subtilis*.  
 AU Lewis P J; Errington J  
 CS Sir William Dunn School of Pathology, University of Oxford, UK.  
 SO Microbiology (Reading, England), (1996 Apr) 142 ( Pt 4) 733-40.  
 Journal code: 9430468. ISSN: 1350-0872.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 20030318  
 Entered Medline: 19961231

L23 ANSWER 203 OF 310 MEDLINE on STN  
 AN 97085057 MEDLINE  
 DN PubMed ID: 8931331  
 TI Construction of GFP vectors for use in gram-negative bacteria other than *Escherichia coli*.  
 AU Matthysse A G; Stretton S; Dandie C; McClure N C; Goodman A E  
 CS Department of Biology, University of North Carolina, Chapel Hill 27599-3280, USA.  
 SO FEMS microbiology letters, (1996 Nov 15) 145 (1) 87-94.  
 Journal code: 7705721. ISSN: 0378-1097.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 19990129  
 Entered Medline: 19961219

L23 ANSWER 204 OF 310 MEDLINE on STN  
 AN 97084577 MEDLINE  
 DN PubMed ID: 8930920  
 TI Bacterial genetics by flow cytometry: rapid isolation of *Salmonella typhimurium* acid-inducible promoters by differential fluorescence induction.  
 AU Valdivia R H; Falkow S  
 CS Department of Microbiology and Immunology, Stanford University School of Medicine, California 94305, USA.. valdivia@cmgm.stanford.edu  
 NC AI 26195 (NIAID)  
 DK 38707 (NIDDK)  
 SO Molecular microbiology, (1996 Oct) 22 (2) 367-78.  
 Journal code: 8712028. ISSN: 0950-382X.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U62708; GENBANK-U62709; GENBANK-U62710; GENBANK-U62711; GENBANK-U62712; GENBANK-U62713; GENBANK-U62714  
 EM 199702  
 ED Entered STN: 19970306  
 Last Updated on STN: 19980206  
 Entered Medline: 19970225

L23 ANSWER 205 OF 310 MEDLINE on STN  
 AN 97083574 MEDLINE

DN PubMed ID: 8929532  
 TI Bcl-2 targets the protein kinase Raf-1 to mitochondria.  
 CM Comment in: Cell. 1996 Nov 15;87(4):589-92. PubMed ID: 8929527  
 AU Wang H G; Rapp U R; Reed J C  
 CS The Burnham Institute, Program on Apoptosis and Cell Death Research, La Jolla, California 92037, USA.  
 NC CA-67329 (NCI)  
 SO Cell, (1996 Nov 15) 87 (4) 629-38.  
 Journal code: 0413066. ISSN: 0092-8674.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF021792  
 EM 199701  
 ED Entered STN: 19970128  
 Last Updated on STN: 20000303  
 Entered Medline: 19970102

L23 ANSWER 206 OF 310 MEDLINE on STN  
 AN 97080514 MEDLINE  
 DN PubMed ID: 8921859  
 TI Novel series of plasmid vectors for gene inactivation and expression analysis in group A streptococci (GAS).  
 AU Podbielski A; Spellerberg B; Woischnik M; Pohl B; Luttmann R  
 CS Institute of Medical Microbiology, Medical School of the Technical University (RWTH), Aachen, Germany.. andreas@imib.rwth-aachen.de  
 SO Gene, (1996 Oct 24) 177 (1-2) 137-47.  
 Journal code: 7706761. ISSN: 0378-1119.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U41082; GENBANK-U41083; GENBANK-U50974; GENBANK-U50975; GENBANK-U50976; GENBANK-U50977; GENBANK-U50978; GENBANK-U50979; GENBANK-U50980; GENBANK-U50981; GENBANK-U50982; GENBANK-U50983; GENBANK-X84794; GENBANK-X84795; GENBANK-X84796  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 19980206  
 Entered Medline: 19961226

L23 ANSWER 207 OF 310 MEDLINE on STN  
 AN 97075107 MEDLINE  
 DN PubMed ID: 8917533  
 TI Colocalization of cell division proteins FtsZ and FtsA to cytoskeletal structures in living Escherichia coli cells by using green fluorescent protein.  
 AU Ma X; Ehrhardt D W; Margolin W  
 CS Department of Microbiology and Molecular Genetics, University of Texas Medical School, Houston 77030, USA.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Nov 12) 93 (23) 12998-3003.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 20000303  
 Entered Medline: 19961230

L23 ANSWER 208 OF 310 MEDLINE on STN

AN 97071974 MEDLINE  
 DN PubMed ID: 8914818  
 TI Rapid generation and flow cytometric analysis of stable GFP  
 -expressing cells.  
 AU Lybarger L; Dempsey D; Franek K J; Chervenak R  
 CS Department of Microbiology and Immunology, Louisiana State University  
 Medical Center, Shreveport, USA.  
 NC RO1 AI31567 (NIAID)  
 SO Cytometry : journal of the Society for Analytical Cytology, (1996 Nov  
 1) 25 (3) 211-20.  
 Journal code: 8102328. ISSN: 0196-4763.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199705  
 ED Entered STN: 19970514  
 Last Updated on STN: 19980206  
 Entered Medline: 19970505

L23 ANSWER 209 OF 310 MEDLINE on STN  
 AN 97071665 MEDLINE  
 DN PubMed ID: 8914511  
 TI Green fluorescent protein (GFP) as a new vital marker in the  
 phytopathogenic fungus Ustilago maydis.  
 AU Spellig T; Bottin A; Kahmann R  
 CS Institut fur Genetik und Mikrobiologie, Universitat Munchen, Germany.  
 SO Molecular & general genetics : MGG, (1996 Oct 16) 252 (5) 503-9.  
 Journal code: 0125036. ISSN: 0026-8925.  
 CY GERMANY: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 19980206  
 Entered Medline: 19961216

L23 ANSWER 210 OF 310 MEDLINE on STN  
 AN 97066056 MEDLINE  
 DN PubMed ID: 8909537  
 TI Direct vesicular transport of MHC class II molecules from lysosomal  
 structures to the cell surface.  
 AU Wubbolts R; Fernandez-Borja M; Oomen L; Verwoerd D; Janssen H; Calafat J;  
 Tulp A; Dusseljee S; Neefjes J  
 CS Department of Cellular Biochemistry, The Netherlands Cancer Institute,  
 Amsterdam, The Netherlands.  
 SO Journal of cell biology, (1996 Nov) 135 (3) 611-22.  
 Journal code: 0375356. ISSN: 0021-9525.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199612  
 ED Entered STN: 19970128  
 Last Updated on STN: 19990129  
 Entered Medline: 19961216

L23 ANSWER 211 OF 310 MEDLINE on STN  
 AN 97066051 MEDLINE  
 DN PubMed ID: 8909532  
 TI Dynamic elastic behavior of alpha-satellite DNA domains visualized in situ  
 in living human cells.  
 AU Shelby R D; Hahn K M; Sullivan K F

CS Department of Cell Biology, Scripps Research Institute, La Jolla,  
California 92037, USA.  
SO Journal of cell biology, (1996 Nov) 135 (3) 545-57.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961216

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L23 ANSWER 212 OF 310 MEDLINE on STN  
AN 97060313 MEDLINE  
DN PubMed ID: 8903348  
TI Structural change of the endoplasmic reticulum during fertilization:  
evidence for loss of membrane continuity using the green fluorescent  
protein.  
AU Terasaki M; Jaffe L A; Hunnicutt G R; Hammer J A 3rd  
CS Marine Biological Laboratory, Woods Hole, Massachusetts 02543, USA..  
terasaki@panda.uchc.edu  
NC HD-14939 (NICHD)  
SO Developmental biology, (1996 Nov 1) 179 (2) 320-8.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199701  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19970102

L23 ANSWER 213 OF 310 MEDLINE on STN  
AN 97051957 MEDLINE  
DN PubMed ID: 8896592  
TI In vivo nuclear transport kinetics in Saccharomyces cerevisiae: a role for  
heat shock protein 70 during targeting and translocation.  
AU Shulga N; Roberts P; Gu Z; Spitz L; Tabb M M; Nomura M; Goldfarb D S  
CS Department of Biology, University of Rochester, New York 14627, USA.  
NC R37GM35949 (NIGMS)  
SO Journal of cell biology, (1996 Oct) 135 (2) 329-39.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961205

L23 ANSWER 214 OF 310 MEDLINE on STN  
AN 97048187 MEDLINE  
DN PubMed ID: 8893028  
TI Chemosensory neurons function in parallel to mediate a pheromone response  
in C. elegans.  
AU Schackwitz W S; Inoue T; Thomas J H  
CS Department of Genetics, University of Washington, Seattle 98195, USA.  
NC R10GM48700 (NIGMS)  
T32GM07735 (NIGMS)  
SO Neuron, (1996 Oct) 17 (4) 719-28.  
Journal code: 8809320. ISSN: 0896-6273.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961216

L23 ANSWER 215 OF 310 MEDLINE on STN  
AN 97048186 MEDLINE  
DN PubMed ID: 8893027

TI Mutations in a cyclic nucleotide-gated channel lead to abnormal thermosensation and chemosensation in *C. elegans*.  
AU Komatsu H; Mori I; Rhee J S; Akaike N; Ohshima Y  
CS Department of Biology, Faculty of Science, Kyushu University, Fukuoka, Japan.  
SO Neuron, (1996 Oct) 17 (4) 707-18.  
Journal code: 8809320. ISSN: 0896-6273.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D86922  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961216

L23 ANSWER 216 OF 310 MEDLINE on STN  
AN 97042447 MEDLINE  
DN PubMed ID: 8887647

TI Fission yeast mal2+ is required for chromosome segregation.  
AU Fleig U; Sen-Gupta M; Hegemann J H  
CS Institut für Mikrobiologie und Molekularbiologie, Universität Giessen, Germany. Ursula.. Fleig@bio.uni-giessen.de  
SO Molecular and cellular biology, (1996 Nov) 16 (11) 6169-77.  
Journal code: 8109087. ISSN: 0270-7306.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-X92349  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961216

L23 ANSWER 217 OF 310 MEDLINE on STN  
AN 97040685 MEDLINE  
DN PubMed ID: 8885998

TI An enhanced green fluorescent protein allows sensitive detection of gene transfer in mammalian cells.  
AU Zhang G; Gurtu V; Kain S R  
CS Clontech Laboratories, Inc., Palo Alto, California 94303, USA.  
SO Biochemical and biophysical research communications, (1996 Oct 23) 227 (3) 707-11.  
Journal code: 0372516. ISSN: 0006-291X.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128

Last Updated on STN: 19980206  
Entered Medline: 19961209

L23 ANSWER 218 OF 310 MEDLINE on STN  
AN 97033438 MEDLINE  
DN PubMed ID: 8879169  
TI Quantitative analysis of transient gene expression in mammalian cells using the green fluorescent protein.  
AU Subramanian S; Srienc F  
CS Institute for Advanced Studies in Biological Process Technology, University of Minnesota, St. Paul 55108, USA.  
SO Journal of biotechnology, (1996 Aug 20) 49 (1-3) 137-51.  
Journal code: 8411927. ISSN: 0168-1656.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Biotechnology  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961211

L23 ANSWER 219 OF 310 MEDLINE on STN  
AN 97016166 MEDLINE  
DN PubMed ID: 8862803  
TI Optimized filter set and viewing conditions for the S65T mutant of GFP in living cells.  
AU Zylka M J; Schnapp B J  
CS Harvard Medical School, Boston, MA, USA.  
NC NS26846 (NINDS)  
SO BioTechniques, (1996 Aug) 21 (2) 220-1, 224-6.  
Journal code: 8306785. ISSN: 0736-6205.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199704  
ED Entered STN: 19970414  
Last Updated on STN: 19980206  
Entered Medline: 19970403

L23 ANSWER 220 OF 310 MEDLINE on STN  
AN 96428584 MEDLINE  
DN PubMed ID: 8831686  
TI Secretion of green fluorescent protein from recombinant baculovirus-infected insect cells.  
AU Laukkanen M L; Oker-Blom C; Keinänen K  
CS VTT Biotechnology and Food Research, Espoo, Finland.  
SO Biochemical and biophysical research communications, (1996 Sep 24) 226 (3) 755-61.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199611  
ED Entered STN: 19961219  
Last Updated on STN: 19980206  
Entered Medline: 19961107

L23 ANSWER 221 OF 310 MEDLINE on STN  
AN 96409303 MEDLINE  
DN PubMed ID: 8814285  
TI Dynamics of insulin-stimulated translocation of GLUT4 in single living

cells visualised using green fluorescent protein.  
 AU Dobson S P; Livingstone C; Gould G W; Tavare J M  
 CS Department of Biochemistry, School of Medical Sciences, University of  
 Bristol, UK.  
 SO FEBS letters, (1996 Sep 16) 393 (2-3) 179-84.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199611  
 ED Entered STN: 19961219  
 Last Updated on STN: 20000303  
 Entered Medline: 19961107

L23 ANSWER 222 OF 310 MEDLINE on STN  
 AN 96408770 MEDLINE  
 DN PubMed ID: 8813764  
 TI Green fluorescent protein as a marker for gene expression and subcellular  
 localization in budding yeast.  
 AU Niedenthal R K; Riles L; Johnston M; Hegemann J H  
 CS Institut fur Mikrobiologie und Molekularbiologie, Justus-Liebig-  
 Universitat Giessen, Germany.  
 NC HG00956 (NHGRI)  
 SO Yeast (Chichester, England), (1996 Jun 30) 12 (8) 773-86.  
 Journal code: 8607637. ISSN: 0749-503X.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U28487  
 EM 199701  
 ED Entered STN: 19970128  
 Last Updated on STN: 19980206  
 Entered Medline: 19970109

L23 ANSWER 223 OF 310 MEDLINE on STN  
 AN 96398789 MEDLINE  
 DN PubMed ID: 8805250  
 TI Engineered GFP as a vital reporter in plants.  
 AU Chiu W; Niwa Y; Zeng W; Hirano T; Kobayashi H; Sheen J  
 CS Department of Molecular Biology, Massachusetts General Hospital, Boston,  
 Massachusetts 02114, USA.  
 SO Current biology : CB, (1996 Mar 1) 6 (3) 325-30.  
 Journal code: 9107782. ISSN: 0960-9822.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199702  
 ED Entered STN: 19970305  
 Last Updated on STN: 19980206  
 Entered Medline: 19970218

L23 ANSWER 224 OF 310 MEDLINE on STN  
 AN 96393789 MEDLINE  
 DN PubMed ID: 8800562  
 TI Aequorea green fluorescent protein: simultaneous analysis of wild-type and  
 blue-fluorescing mutant by flow cytometry.  
 AU Ropp J D; Donahue C J; Wolfgang-Kimball D; Hooley J J; Chin J Y;  
 Cuthbertson R A; Bauer K D  
 CS Department of Pulmonary Research, Genentech, Inc., South San Francisco,  
 California, USA.  
 SO Cytometry : journal of the Society for Analytical Cytology, (1996 Jul



1) 24 (3) 284-8.  
Journal code: 8102328. ISSN: 0196-4763.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961204

L23 ANSWER 225 OF 310 MEDLINE on STN

AN 96387772 MEDLINE  
DN PubMed ID: 8795242  
TI Use of green fluorescent protein to monitor survival of genetically engineered bacteria in aquatic environments.  
AU Leff L G; Leff A A  
CS Department of Biological Sciences, Kent State University, Ohio 44242, USA.. LLEFF@KENTVM.KENT.EDU  
SO Applied and environmental microbiology, (1996 Sep) 62 (9) 3486-8.  
Journal code: 7605801. ISSN: 0099-2240.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199610  
ED Entered STN: 19961025  
Last Updated on STN: 19980206  
Entered Medline: 19961017

L23 ANSWER 226 OF 310 MEDLINE on STN

AN 96386009 MEDLINE  
DN PubMed ID: 8793839  
TI Green fluorescent protein as a tool for screening recombinant baculoviruses.  
AU Eriksson S; Raivio E; Kukkonen J P; Eriksson K; Lindqvist C  
CS Abo Akademi University, Department of Biochemistry and Pharmacy, Finland.  
SO Journal of virological methods, (1996 May) 59 (1-2) 127-33.  
Journal code: 8005839. ISSN: 0166-0934.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19961204

L23 ANSWER 227 OF 310 MEDLINE on STN

AN 96382077 MEDLINE  
DN PubMed ID: 8789941  
TI Labeling neural cells using adenoviral gene transfer of membrane-targeted GFP.  
AU Moriyoshi K; Richards L J; Akazawa C; O'Leary D D; Nakanishi S  
CS Institute for Immunology Kyoto University Faculty of Medicine Kyoto.  
NC NS 31558 (NINDS)  
SO Neuron, (1996 Feb) 16 (2) 255-60.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199701

ED Entered STN: 19970128  
Last Updated on STN: 19980206  
Entered Medline: 19970106

L23 ANSWER 228 OF 310 MEDLINE on STN  
AN 96379221 MEDLINE  
DN PubMed ID: 8784772  
TI Use of the green fluorescent protein as a marker in transfected  
Leishmania.  
AU Ha D S; Schwarz J K; Turco S J; Beverley S M  
CS Department of Biological Chemistry and Molecular Pharmacology, Harvard  
Medical School, Boston, MA 02115, USA.  
NC AI01306 (NIAID)  
AI29646 (NIAID)  
AI3078 (NIAID)  
SO Molecular and biochemical parasitology, (1996 Apr) 77 (1) 57-64.  
Journal code: 8006324. ISSN: 0166-6851.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199703  
ED Entered STN: 19970321  
Last Updated on STN: 19980206  
Entered Medline: 19970311

L23 ANSWER 229 OF 310 MEDLINE on STN  
AN 96355665 MEDLINE  
DN PubMed ID: 8703075  
TI Crystal structure of the Aequorea victoria green fluorescent protein.  
CM Comment in: Science. 1996 Sep 6;273(5280):1336. PubMed ID: 8801627  
AU Ormo M; Cubitt A B; Kallio K; Gross L A; Tsien R Y; Remington S J  
CS Institute of Molecular Biology and Department of Physics, University of  
Oregon, Eugene, OR 97403-1226, USA.  
SO Science, (1996 Sep 6) 273 (5280) 1392-5.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS PDB-1EMA  
EM 199610  
ED Entered STN: 19961015  
Last Updated on STN: 19980206  
Entered Medline: 19961001

L23 ANSWER 230 OF 310 MEDLINE on STN  
AN 96354802 MEDLINE  
DN PubMed ID: 8753778  
TI The pleckstrin homology domain of human beta I sigma II spectrin is  
targeted to the plasma membrane in vivo.  
AU Wang D S; Miller R; Shaw R; Shaw G  
CS Department of Neuroscience, University of Florida College of Medicine,  
Gainesville 32610, USA.  
NC NS22695 (NINDS)  
SO Biochemical and biophysical research communications, (1996 Aug 14)  
225 (2) 420-6.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199610  
ED Entered STN: 19961022

Last Updated on STN: 20000629  
Entered Medline: 19961010

L23 ANSWER 231 OF 310 MEDLINE on STN  
AN 96335601 MEDLINE  
DN PubMed ID: 8766707  
TI Highly efficient production of GFP and its derivatives in insect cells for visual in vitro applications.  
AU Oker-Blom C; Orellana A; Keinanen K  
CS VTT Biotechnology and Food Research, Espoo, Finland.  
SO FEBS letters, (1996 Jul 8) 389 (3) 238-43.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19961008  
Last Updated on STN: 19980206  
Entered Medline: 19960923

L23 ANSWER 232 OF 310 MEDLINE on STN  
AN 96328619 MEDLINE  
DN PubMed ID: 8727010  
TI Long-term expression of a fluorescent reporter gene via direct injection of plasmid vector into mouse skeletal muscle: comparison of human creatine kinase and CMV promoter expression levels in vivo.  
AU Bartlett R J; Secore S L; Singer J T; Bodo M; Sharma K; Ricordi C  
CS Department of Neurology, University of Miami School of Medicine, FL 33136, USA.. rbartlet@mednet.med.miami.edu  
SO Cell transplantation, (1996 May-Jun) 5 (3) 411-9.  
Journal code: 9208854. ISSN: 0963-6897.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-M21487  
EM 199610  
ED Entered STN: 19961022  
Last Updated on STN: 19980206  
Entered Medline: 19961004

L23 ANSWER 233 OF 310 MEDLINE on STN  
AN 96323253 MEDLINE  
DN PubMed ID: 8710900  
TI Simultaneous fluorescence-activated cell sorter analysis of two distinct transcriptional elements within a single cell using engineered green fluorescent proteins.  
AU Anderson M T; Tjioe I M; Lorincz M C; Parks D R; Herzenberg L A; Nolan G P; Herzenberg L A  
CS Department of Genetics, Stanford University School of Medicine, CA 94305, USA.  
NC CA 42609 (NCI)  
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Aug 6) 93 (16) 8508-11.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960912

L23 ANSWER 234 OF 310 MEDLINE on STN  
 AN 96323227 MEDLINE  
 DN PubMed ID: 8710876  
 TI Ultra-fast excited state dynamics in green fluorescent protein: multiple states and proton transfer.  
 AU Chattoraj M; King B A; Bublitz G U; Boxer S G  
 CS Department of Chemistry, Stanford University, CA 94305-5080, USA.  
 NC GM27738 (NIGMS)  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Aug 6) 93 (16) 8362-7.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199609  
 ED Entered STN: 19960919  
 Last Updated on STN: 19980206  
 Entered Medline: 19960912

L23 ANSWER 235 OF 310 MEDLINE on STN  
 AN 96305148 MEDLINE  
 DN PubMed ID: 8707049  
 TI Targeting aequorin and green fluorescent protein to intracellular organelles.  
 AU De Giorgi F; Brini M; Bastianutto C; Marsault R; Montero M; Pizzo P; Rossi R; Rizzuto R  
 CS Department of Biomedical Sciences, University of Padova, Italy.  
 SO Gene, (1996) 173 (1 Spec No) 113-7.  
 Journal code: 7706761. ISSN: 0378-1119.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199609  
 ED Entered STN: 19960919  
 Last Updated on STN: 19980206  
 Entered Medline: 19960911

L23 ANSWER 236 OF 310 MEDLINE on STN  
 AN 96305147 MEDLINE  
 DN PubMed ID: 8707048  
 TI Application of novel vectors for GFP-tagging of proteins to study microtubule-associated proteins.  
 AU Ludin B; Doll T; Meili R; Kaech S; Matus A  
 CS Friedrich Miescher Institut, Basel, Switzerland.  
 SO Gene, (1996) 173 (1 Spec No) 107-11.  
 Journal code: 7706761. ISSN: 0378-1119.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199609  
 ED Entered STN: 19960919  
 Last Updated on STN: 19980206  
 Entered Medline: 19960911

L23 ANSWER 237 OF 310 MEDLINE on STN  
 AN 96305146 MEDLINE  
 DN PubMed ID: 8707063  
 TI Requirements for green fluorescent protein detection in transgenic zebrafish embryos.  
 AU Amsterdam A; Lin S; Moss L G; Hopkins N

CS Department of Biology, Massachusetts Institute of Technology, Cambridge  
02139, USA.  
NC CA14051 (NCI)  
CA19308 (NCI)  
DK43129 (NIDDK)  
+  
SO Gene, (1996) 173 (1 Spec No) 99-103.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 238 OF 310 MEDLINE on STN  
AN 96305145 MEDLINE  
DN PubMed ID: 8707062  
TI Green fluorescent protein marks skeletal muscle in murine cell lines and zebrafish.  
AU Moss J B; Price A L; Raz E; Driever W; Rosenthal N  
CS Cardiovascular Research Center, Massachusetts General Hospital East, Charlestown 02129, USA.. moss@helix.mgh.harvard.edu  
NC F32HD07926 (NICHD)  
R01AG12316 (NIA)  
R01AR41926 (NIAMS)  
SO Gene, (1996) 173 (1 Spec No) 89-98.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 239 OF 310 MEDLINE on STN  
AN 96305144 MEDLINE  
DN PubMed ID: 8707061  
TI Green fluorescent protein and its derivatives as versatile markers for gene expression in living Drosophila melanogaster, plant and mammalian cells.  
AU Plautz J D; Day R N; Dailey G M; Welsh S B; Hall J C; Halpain S; Kay S A  
CS NSF Center for Biological Timing, University of Virginia, Charlottesville 22903, USA.  
SO Gene, (1996) 173 (1 Spec No) 83-7.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 240 OF 310 MEDLINE on STN  
AN 96305143 MEDLINE  
DN PubMed ID: 8707060  
TI Plant virus movement protein dynamics probed with a GFP-protein fusion.

AU Epel B L; Padgett H S; Heinlein M; Beachy R N  
CS Department of Cell Biology, Scripps Research Institute, La Jolla, CA  
92037, USA.  
SO Gene, (1996) 173 (1 Spec No) 75-9.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 241 OF 310 MEDLINE on STN  
AN 96305142 MEDLINE  
DN PubMed ID: 8707059  
TI Expression of the green fluorescent protein-encoding gene from a tobacco  
mosaic virus-based vector.  
AU Casper S J; Holt C A  
CS Department of Cell Biology, Scripps Research Institute, La Jolla, CA  
92037, USA.  
SO Gene, (1996) 173 (1 Spec No) 69-73.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 242 OF 310 MEDLINE on STN  
AN 96305141 MEDLINE  
DN PubMed ID: 8707058  
TI Bacterial plasmid conjugation on semi-solid surfaces monitored with the  
green fluorescent protein (GFP) from Aequorea victoria as a  
marker.  
AU Christensen B B; Sternberg C; Molin S  
CS Department of Microbiology, Technical University of Denmark, Lyngby,  
Denmark.  
SO Gene, (1996) 173 (1 Spec No) 59-65.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 243 OF 310 MEDLINE on STN  
AN 96305140 MEDLINE  
DN PubMed ID: 8707057  
TI A transposon for green fluorescent protein transcriptional fusions:  
application for bacterial transport experiments.  
AU Burlage R S; Yang Z K; Mehlhorn T  
CS Environmental Sciences Division, Oak Ridge National Laboratory, TN  
37831-6036, USA.  
SO Gene, (1996) 173 (1 Spec No) 53-8.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19990129  
Entered Medline: 19960911

L23 ANSWER 244 OF 310 MEDLINE on STN

AN 96305139 MEDLINE

DN PubMed ID: 8707055

TI Applications for green fluorescent protein (GFP) in the study of  
host-pathogen interactions.

AU Valdivia R H; Hromockyj A E; Monack D; Ramakrishnan L; Falkow S

CS Department of Microbiology and Immunology, Stanford University School of  
Medicine, CA 94305-5402, USA.. valdivia@cmgm.stanford.edu

NC AI36396 (NIAID)

SO Gene, (1996) 173 (1 Spec No) 47-52.

Journal code: 7706761. ISSN: 0378-1119.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199609

ED Entered STN: 19960919

Last Updated on STN: 19980206

Entered Medline: 19960911

L23 ANSWER 245 OF 310 MEDLINE on STN

AN 96305138 MEDLINE

DN PubMed ID: 8707054

TI Deletion mapping of the Aequorea victoria green fluorescent protein.

AU Dopf J; Horiagon T M

CS Molecular Vaccine Laboratory, Human Gene Therapy Research Institute, Des  
Moines, IA 50309, USA.

SO Gene, (1996) 173 (1 Spec No) 39-44.

Journal code: 7706761. ISSN: 0378-1119.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-M62653

EM 199609

ED Entered STN: 19960919

Last Updated on STN: 19980206

Entered Medline: 19960911

L23 ANSWER 246 OF 310 MEDLINE on STN

AN 96305135 MEDLINE

DN PubMed ID: 8707051

TI Dual color microscopic imagery of cells expressing the green fluorescent  
protein and a red-shifted variant.

AU Yang T T; Kain S R; Kitts P; Kondepudi A; Yang M M; Youvan D C

CS Cell Biology Group, CLONTECH Laboratories, Inc., Palo Alto, CA 94303, USA.

NC GM42645 (NIGMS)

SO Gene, (1996) 173 (1 Spec No) 19-23.

Journal code: 7706761. ISSN: 0378-1119.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199609

ED Entered STN: 19960919

Last Updated on STN: 19980206

Entered Medline: 19960911

L23 ANSWER 247 OF 310 MEDLINE on STN  
AN 96305134 MEDLINE  
DN PubMed ID: 8707050  
TI Fluorescence resonance energy transfer between blue-emitting and red-shifted excitation derivatives of the green fluorescent protein.  
AU Mitra R D; Silva C M; Youvan D C  
CS Palo Alto Institute for Molecular Medicine, Mountain View, CA 94043, USA.  
NC GM42645 (NIGMS)  
R43GM53287 (NIGMS)  
SO Gene, (1996) 173 (1 Spec No) 13-7. Ref: 18  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960911

L23 ANSWER 248 OF 310 MEDLINE on STN  
AN 96284101 MEDLINE  
DN PubMed ID: 8673465  
TI Double labelling of subcellular structures with organelle-targeted GFP mutants in vivo.  
AU Rizzuto R; Brini M; De Giorgi F; Rossi R; Heim R; Tsien R Y; Pozzan T  
CS Department of Biomedical Sciences, University of Padova, Italy.  
SO Current biology : CB, (1996 Feb 1) 6 (2) 183-8.  
Journal code: 9107782. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199608  
ED Entered STN: 19960822  
Last Updated on STN: 19980206  
Entered Medline: 19960815

L23 ANSWER 249 OF 310 MEDLINE on STN  
AN 96284100 MEDLINE  
DN PubMed ID: 8673464  
TI Engineering green fluorescent protein for improved brightness, longer wavelengths and fluorescence resonance energy transfer.  
AU Heim R; Tsien R Y  
CS Howard Hughes Medical Institute 0647, University of California, San Diego, La Jolla 92093-0647, USA.  
SO Current biology : CB, (1996 Feb 1) 6 (2) 178-82.  
Journal code: 9107782. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199608  
ED Entered STN: 19960822  
Last Updated on STN: 20030318  
Entered Medline: 19960815

L23 ANSWER 250 OF 310 MEDLINE on STN  
AN 96283626 MEDLINE  
DN PubMed ID: 8670828



TI Characterization of a novel component of the peroxisomal protein import apparatus using fluorescent peroxisomal proteins.  
 AU Kalish J E; Keller G A; Morrell J C; Mihalik S J; Smith B; Cregg J M; Gould S J  
 CS Department of Biological Chemistry, The John Hopkins University School of Medicine, Baltimore, MD 21205, USA.  
 NC DK45787 (NIDDK)  
 SO EMBO journal, (1996 Jul 1) 15 (13) 3275-85.  
 Journal code: 8208664. ISSN: 0261-4189.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U58140  
 EM 199608  
 ED Entered STN: 19960912  
 Last Updated on STN: 19980206  
 Entered Medline: 19960830

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L23 ANSWER 251 OF 310 MEDLINE on STN  
 AN 96279057 MEDLINE  
 DN PubMed ID: 8663122  
 TI Subcellular localization of the type 2 11beta-hydroxysteroid dehydrogenase. A green fluorescent protein study.  
 AU Naray-Fejes-Toth A; Fejes-Toth G  
 CS Department of Physiology, Dartmouth Medical School, Lebanon, New Hampshire 03756, USA.  
 NC DK 39523 (NIDDK)  
 DK 41841 (NIDDK)  
 DK 45647 (NIDDK)  
 SO Journal of biological chemistry, (1996 Jun 28) 271 (26) 15436-42.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199608  
 ED Entered STN: 19960828  
 Last Updated on STN: 19980206  
 Entered Medline: 19960820

L23 ANSWER 252 OF 310 MEDLINE on STN  
 AN 96273174 MEDLINE  
 DN PubMed ID: 8682203  
 TI Green fluorescent protein: applications in cell biology.  
 AU Gerdes H H; Kaether C  
 CS Institute for Neurobiology, University of Heidelberg, Germany..  
 hhgerdes@sun0.urz.uni-heidelberg.de  
 SO FEBS letters, (1996 Jun 24) 389 (1) 44-7. Ref: 37  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199608  
 ED Entered STN: 19960828  
 Last Updated on STN: 19980206  
 Entered Medline: 19960821

L23 ANSWER 253 OF 310 MEDLINE on STN  
 AN 96272153 MEDLINE

DN PubMed ID: 8670794  
 TI Myristoylated and non-myristoylated forms of the pH sensor protein hisactophilin II: intracellular shuttling to plasma membrane and nucleus monitored in real time by a fusion with green fluorescent protein.  
 AU Hanakam F; Albrecht R; Eckerskorn C; Matzner M; Gerisch G  
 CS Max-Planck-Institut fur Biochemie, Germany.  
 SO EMBO journal, (1996 Jun 17) 15 (12) 2935-43.  
 Journal code: 8208664. ISSN: 0261-4189.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199608  
 ED Entered STN: 19960911  
 Last Updated on STN: 19980206  
 Entered Medline: 19960827

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L23 ANSWER 254 OF 310 MEDLINE on STN  
 AN 96270530 MEDLINE  
 DN PubMed ID: 8692807  
 TI Assembly and movement of a plant virus carrying a green fluorescent protein overcoat.  
 AU Cruz S S; Chapman S; Roberts A G; Roberts I M; Prior D A; Oparka K J  
 CS Scottish Crop Research Institute, Invergowrie, United Kingdom.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Jun 25) 93 (13) 6286-90.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199608  
 ED Entered STN: 19960911  
 Last Updated on STN: 19980206  
 Entered Medline: 19960823

L23 ANSWER 255 OF 310 MEDLINE on STN  
 AN 96265021 MEDLINE  
 DN PubMed ID: 8678834  
 TI Complete nucleotide sequence and synthesis of infectious in vitro transcripts from a full-length cDNA clone of a rakkyo strain of tobacco mosaic virus.  
 AU Chen J; Watanabe Y; Sako N; Ohshima K; Okada Y  
 CS Laboratory of Plant Pathology, Faculty of Agriculture, Saga University, Japan.  
 SO Archives of virology, (1996) 141 (5) 885-900.  
 Journal code: 7506870. ISSN: 0304-8608.  
 CY Austria  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-D63809  
 EM 199608  
 ED Entered STN: 19960822  
 Last Updated on STN: 19980206  
 Entered Medline: 19960812

L23 ANSWER 256 OF 310 MEDLINE on STN  
 AN 96251666 MEDLINE  
 DN PubMed ID: 8655589  
 TI Evidence using a green fluorescent protein-glucocorticoid receptor chimera that the Ran/TC4 GTPase mediates an essential function independent of nuclear protein import.  
 AU Carey K L; Richards S A; Lounsbury K M; Macara I G

CS Department of Pathology, University of Vermont, Burlington, 05405-0068,  
USA.  
NC EST3207122 (NIEHS)  
F32CA63801 (NCI)  
GM50526 (NIGMS)  
SO Journal of cell biology, (1996 Jun) 133 (5) 985-96.  
Journal code: 0375356. ISSN: 0021-9525.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199608  
ED Entered STN: 19960808  
Last Updated on STN: 20000303  
Entered Medline: 19960801

L23 ANSWER 257 OF 310 MEDLINE on STN  
AN 96249699 MEDLINE  
DN PubMed ID: 8830262  
TI Structure and function of the Bacillus SpoIIE protein and its localization  
to sites of sporulation septum assembly.  
AU Barak I; Behari J; Olmedo G; Guzman P; Brown D P; Castro E; Walker D;  
Westpheling J; Youngman P  
CS Department of Genetics, University of Georgia, Athens 30602, USA.  
NC GM35495 (NIGMS)  
SO Molecular microbiology, (1996 Mar) 19 (5) 1047-60.  
Journal code: 8712028. ISSN: 0950-382X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U26835; GENBANK-U26836  
EM 199610  
ED Entered STN: 19961025  
Last Updated on STN: 20030318  
Entered Medline: 19961017

L23 ANSWER 258 OF 310 MEDLINE on STN  
AN 96249400 MEDLINE  
DN PubMed ID: 8666743  
TI Labeling of peroxisomes with green fluorescent protein in living P.  
pastoris cells.  
AU Monosov E Z; Wenzel T J; Luers G H; Heyman J A; Subramani S  
CS Department of Biology, University of California, San Diego, La Jolla, USA.  
NC DK41737 (NIDDK)  
SO Journal of histochemistry and cytochemistry : official journal of the  
Histochemistry Society, (1996 Jun) 44 (6) 581-9.  
Journal code: 9815334. ISSN: 0022-1554.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199608  
ED Entered STN: 19960819  
Last Updated on STN: 19980206  
Entered Medline: 19960806

L23 ANSWER 259 OF 310 MEDLINE on STN  
AN 96234059 MEDLINE  
DN PubMed ID: 8650188  
TI Enhanced green fluorescence by the expression of an Aequorea victoria  
green fluorescent protein mutant in mono- and dicotyledonous plant cells.  
AU Reichel C; Mathur J; Eckes P; Langenkemper K; Koncz C; Schell J; Reiss B;  
Maas C

CS Max-Planck-Institut fur Zuchtungsforschung, Abteilung Genetische  
Grundlagen der Pflanzenzuchtung, Koln, Germany.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1996 Jun 11) 93 (12) 5888-93.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199607  
ED Entered STN: 19960805  
Last Updated on STN: 19980206  
Entered Medline: 19960725

L23 ANSWER 260 OF 310 MEDLINE on STN  
AN 96222506 MEDLINE  
DN PubMed ID: 8670208  
TI The utility of fluorescent in vivo reporter genes in molecular cardiology.  
AU Doevendans P A; Becker K D; An R H; Kass R S  
CS Department of Cardiology, Cardiovascular Research Institute Maastricht,  
The Netherlands.  
SO Biochemical and biophysical research communications, (1996 May 15)  
222 (2) 352-8.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199608  
ED Entered STN: 19960819  
Last Updated on STN: 20000303  
Entered Medline: 19960806

L23 ANSWER 261 OF 310 MEDLINE on STN  
AN 96210560 MEDLINE  
DN PubMed ID: 8632984  
TI Movement of yeast cortical actin cytoskeleton visualized in vivo.  
AU Doyle T; Botstein D  
CS Department of Genetics, Stanford University Medical Center, CA 94305-5120,  
USA.  
NC GM46406 (NIGMS)  
GM46888 (NIGMS)  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1996 Apr 30) 93 (9) 3886-91.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199607  
ED Entered STN: 19960715  
Last Updated on STN: 19980206  
Entered Medline: 19960701

L23 ANSWER 262 OF 310 MEDLINE on STN  
AN 96209820 MEDLINE  
DN PubMed ID: 8643491  
TI Visualization of glucocorticoid receptor translocation and intranuclear  
organization in living cells with a green fluorescent protein chimera.  
AU Htun H; Barsony J; Renyi I; Gould D L; Hager G L  
CS Laboratory of Molecular Virology, National Cancer Institute, Bethesda, MD  
20892-5055, USA.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1996 May 14) 93 (10) 4845-50.

Journal code: 7505876. ISSN: 0027-8424.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U53602  
EM 199607  
ED Entered STN: 19960726  
Last Updated on STN: 19980206  
Entered Medline: 19960718

L23 ANSWER 263 OF 310 MEDLINE on STN

AN 96201965 MEDLINE  
DN PubMed ID: 8612822  
TI Construction of a fusion protein between protein A and green fluorescent protein and its application to western blotting.  
AU Aoki T; Takahashi Y; Koch K S; Leffert H L; Watabe H  
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Health Sciences University of Hokkaido, Japan.  
SO FEBS letters, (1996 Apr 15) 384 (2) 193-7.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199606  
ED Entered STN: 19960613  
Last Updated on STN: 19980206  
Entered Medline: 19960604

L23 ANSWER 264 OF 310 MEDLINE on STN

AN 96190661 MEDLINE  
DN PubMed ID: 8619796  
TI Functional expression of the Aequorea victoria green fluorescent protein in insect cells using the baculovirus expression system.  
AU Reilander H; Haase W; Maul G  
CS Max-Planck-Institut für Biophysik, Abt. Mol. Membranbiologie, Frankfurt/M, Germany.  
SO Biochemical and biophysical research communications, (1996 Feb 6) 219 (1) 14-20.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199606  
ED Entered STN: 19960620  
Last Updated on STN: 19980206  
Entered Medline: 19960613

L23 ANSWER 265 OF 310 MEDLINE on STN

AN 96189494 MEDLINE  
DN PubMed ID: 8608728  
TI Aequorea green fluorescent protein analysis by flow cytometry.  
AU Ropp J D; Donahue C J; Wolfgang-Kimball D; Hooley J J; Chin J Y; Hoffman R A; Cuthbertson R A; Bauer K D  
CS Department of Pulmonary Research, Genentech Inc., South San Francisco, California, USA.  
SO Cytometry : journal of the Society for Analytical Cytology, (1995 Dec 1) 21 (4) 309-17.  
Journal code: 8102328. ISSN: 0196-4763.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199605  
ED Entered STN: 19960605  
Last Updated on STN: 19980206  
Entered Medline: 19960528

L23 ANSWER 266 OF 310 MEDLINE on STN  
AN 96184499 MEDLINE  
DN PubMed ID: 8605980  
TI Mitochondrial alterations induced by aspirin in rat hepatocytes expressing  
mitochondrially targeted green fluorescent protein (mtGFP).  
AU Venerando R; Miotto G; Pizzo P; Rizzuto R; Siliprandi N  
CS Department of Biological Chemistry, CNR Center for the Study of  
Mitochondrial Physiology, University of Padova, Padova, Italy.  
SO FEBS letters, (1996 Mar 18) 382 (3) 256-60.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199605  
ED Entered STN: 19960531  
Last Updated on STN: 19990129  
Entered Medline: 19960517

L23 ANSWER 267 OF 310 MEDLINE on STN  
AN 96172158 MEDLINE  
DN PubMed ID: 8585134  
TI GFP in plants.  
CM Erratum in: Trends Genet 1995 Sep;11(9):374  
AU Haseloff J; Amos B  
CS MRC Laboratory of Molecular Biology, Cambridge, UK.  
SO Trends in genetics : TIG, (1995 Aug) 11 (8) 328-9.  
Journal code: 8507085. ISSN: 0168-9525.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960327  
Last Updated on STN: 19980206  
Entered Medline: 19960319

L23 ANSWER 268 OF 310 MEDLINE on STN  
AN 96172157 MEDLINE  
DN PubMed ID: 8585133  
TI GFP in Dictyostelium.  
AU Hodgkinson S  
CS MRC Laboratory of Molecular Biology, Cambridge, UK.  
SO Trends in genetics : TIG, (1995 Aug) 11 (8) 327-8.  
Journal code: 8507085. ISSN: 0168-9525.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960327  
Last Updated on STN: 19980206  
Entered Medline: 19960319

L23 ANSWER 269 OF 310 MEDLINE on STN  
AN 96172156 MEDLINE  
DN PubMed ID: 8585132  
TI GFP in mammalian cells.

AU Pines J  
 CS Wellcome Trust and Cancer Research Campaign, Institute of Cancer and  
 Developmental Biology, Cambridge, UK.  
 SO Trends in genetics : TIG, (1995 Aug) 11 (8) 326-7.  
 Journal code: 8507085. ISSN: 0168-9525.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199603  
 ED Entered STN: 19960327  
 Last Updated on STN: 19980206  
 Entered Medline: 19960319

L23 ANSWER 270 OF 310 MEDLINE on STN  
 AN 96172155 MEDLINE  
 DN PubMed ID: 8585131  
 TI GFP in Drosophila.  
 AU Brand A  
 CS Wellcome Trust and Cancer Research Campaign, Institute of Cancer and  
 Developmental Biology, Cambridge, UK.  
 SO Trends in genetics : TIG, (1995 Aug) 11 (8) 324-5.  
 Journal code: 8507085. ISSN: 0168-9525.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199603  
 ED Entered STN: 19960327  
 Last Updated on STN: 19990129  
 Entered Medline: 19960319

L23 ANSWER 271 OF 310 MEDLINE on STN  
 AN 96172154 MEDLINE  
 DN PubMed ID: 8585130  
 TI Using GFP to see the light.  
 AU Prasher D C  
 CS USDA, Otis ANGB, MA 02542, USA.  
 SO Trends in genetics : TIG, (1995 Aug) 11 (8) 320-3. Ref: 29  
 Journal code: 8507085. ISSN: 0168-9525.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199603  
 ED Entered STN: 19960327  
 Last Updated on STN: 19980206  
 Entered Medline: 19960319

L23 ANSWER 272 OF 310 MEDLINE on STN  
 AN 96155613 MEDLINE  
 DN PubMed ID: 8574585  
 TI Chemoattractant-controlled accumulation of coronin at the leading edge of  
 Dictyostelium cells monitored using a green fluorescent protein-coronin  
 fusion protein.  
 AU Gerisch G; Albrecht R; Heizer C; Hodgkinson S; Maniak M  
 CS Max-Planck-Institut fur Biochemie, Martinsried, Germany..  
 gerisch@vms.biochem.mpg.de  
 SO Current biology : CB, (1995 Nov 1) 5 (11) 1280-5.  
 Journal code: 9107782. ISSN: 0960-9822.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960321  
Last Updated on STN: 19980206  
Entered Medline: 19960312

L23 ANSWER 273 OF 310 MEDLINE on STN  
AN 96149393 MEDLINE  
DN PubMed ID: 8570643  
TI In vivo examination of membrane protein localization and degradation with  
green fluorescent protein.  
AU Hampton R Y; Koning A; Wright R; Rine J  
CS Department of Molecular and Cell Biology, University of California,  
Berkeley 94720, USA.  
NC GM35827 (NIGMS)  
GM45726 (NIGMS)  
T32GM07270 (NIGMS)  
+  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1996 Jan 23) 93 (2) 828-33.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960315  
Last Updated on STN: 19980206  
Entered Medline: 19960301

L23 ANSWER 274 OF 310 MEDLINE on STN  
AN 96136644 MEDLINE  
DN PubMed ID: 8527943  
TI Rapid purification of recombinant green fluorescent protein using the  
hydrophobic properties of an HPLC size-exclusion column.  
CM Erratum in: Protein Expr Purif 1996 May;7(3):334  
AU Deschamps J R; Miller C E; Ward K B  
CS Naval Research Laboratory, Washington, DC 20375, USA.  
SO Protein expression and purification, (1995 Aug) 6 (4) 555-8.  
Journal code: 9101496. ISSN: 1046-5928.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960220  
Last Updated on STN: 19980206  
Entered Medline: 19960130

L23 ANSWER 275 OF 310 MEDLINE on STN  
AN 96133953 MEDLINE  
DN PubMed ID: 8552657  
TI Myosin dynamics in live Dictyostelium cells.  
AU Moores S L; Sabry J H; Spudich J A  
CS Department of Biochemistry, Stanford University School of Medicine, CA  
94305, USA.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1996 Jan 9) 93 (1) 443-6.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals



EM 199602  
ED Entered STN: 19960306  
Last Updated on STN: 19980206  
Entered Medline: 19960222

L23 ANSWER 276 OF 310 MEDLINE on STN  
AN 96132125 MEDLINE  
DN PubMed ID: 8537958  
TI Quantitative imaging of green fluorescent protein in cultured cells: comparison of microscopic techniques, use in fusion proteins and detection limits.  
AU Niswender K D; Blackman S M; Rohde L; Magnuson M A; Piston D W  
CS Department of Molecular Physiology and Biophysics, Vanderbilt University Medical School, Nashville, TN 37232, USA.  
NC DK42502 (NIDDK)  
DK42612 (NIDDK)  
SO Journal of microscopy, (1995 Nov) 180 ( Pt 2) 109-16.  
Journal code: 0204522. ISSN: 0022-2720.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199602  
ED Entered STN: 19960221  
Last Updated on STN: 19980206  
Entered Medline: 19960208

L23 ANSWER 277 OF 310 MEDLINE on STN  
AN 96132116 MEDLINE  
DN PubMed ID: 8593691  
TI Expression and analysis of the green fluorescent protein gene in the fission yeast Schizosaccharomyces pombe.  
AU Atkins D; Izant J G  
CS R. W. Johnson Pharmaceutical Research Institute, Sydney NSW, Australia.  
SO Current genetics, (1995 Nov) 28 (6) 585-8.  
Journal code: 8004904. ISSN: 0172-8083.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199604  
ED Entered STN: 19960422  
Last Updated on STN: 20030222  
Entered Medline: 19960411

L23 ANSWER 278 OF 310 MEDLINE on STN  
AN 96123433 MEDLINE  
DN PubMed ID: 8596440  
TI Green fluorescent protein as a new expression marker in mycobacteria.  
AU Kremer L; Baulard A; Estaquier J; Poulain-Godefroy O; Loch C  
CS Laboratoire de Microbiologie Genetique et Moleculaire, INSERM CJF9109, Institut Pasteur de Lille, France.  
SO Molecular microbiology, (1995 Sep) 17 (5) 913-22.  
Journal code: 8712028. ISSN: 0950-382X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199604  
ED Entered STN: 19960424  
Last Updated on STN: 19980206  
Entered Medline: 19960417

L23 ANSWER 279 OF 310 MEDLINE on STN

AN 96123432 MEDLINE  
DN PubMed ID: 8596439  
TI Green fluorescent protein as a marker for gene expression and cell biology of mycobacterial interactions with macrophages.  
AU Dhandayuthapani S; Via L E; Thomas C A; Horowitz P M; Deretic D; Deretic V  
CS Department of Microbiology, University of Texas Health Science Center at San Antonio 78284-7758, USA.  
NC AI35217 (NIAID)  
SO Molecular microbiology, (1995 Sep) 17 (5) 901-12.  
Journal code: 8712028. ISSN: 0950-382X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199604  
ED Entered STN: 19960424  
Last Updated on STN: 19980206  
Entered Medline: 19960417

L23 ANSWER 280 OF 310 MEDLINE on STN  
AN 96123270 MEDLINE  
DN PubMed ID: 8533089  
TI Interaction of tobamovirus movement proteins with the plant cytoskeleton.  
CM Comment on: Science. 1995 Dec 22;270(5244):1943-4. PubMed ID: 8533085  
AU Heinlein M; Epel B L; Padgett H S; Beachy R N  
CS Scripps Research Institute, Department of Cell Biology, La Jolla, CA 92037, USA.  
SO Science, (1995 Dec 22) 270 (5244) 1983-5.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Commentary  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960220  
Last Updated on STN: 19980206  
Entered Medline: 19960130

L23 ANSWER 281 OF 310 MEDLINE on STN  
AN 96113688 MEDLINE  
DN PubMed ID: 8777060  
TI Green fluorescent protein as a reporter of gene expression and protein localization.  
AU Kain S R; Adams M; Kondepudi A; Yang T T; Ward W W; Kitts P  
CS CLONTECH Laboratories, Inc., Palo Alto, CA, USA.  
SO BioTechniques, (1995 Oct) 19 (4) 650-5.  
Journal code: 8306785. ISSN: 0736-6205.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960924  
Last Updated on STN: 19980206  
Entered Medline: 19960916

L23 ANSWER 282 OF 310 MEDLINE on STN  
AN 96108158 MEDLINE  
DN PubMed ID: 8578587  
TI Understanding, improving and using green fluorescent proteins.  
AU Cubitt A B; Heim R; Adams S R; Boyd A E; Gross L A; Tsien R Y  
CS Howard Hughes Medical Institute, University of California, San Diego (UCSD), La Jolla 92093-0647, USA.

NC NS27177 (NINDS)  
SO Trends in biochemical sciences, (1995 Nov) 20 (11) 448-55. Ref:  
43  
Journal code: 7610674. ISSN: 0968-0004.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960321  
Last Updated on STN: 19980206  
Entered Medline: 19960313

L23 ANSWER 283 OF 310 MEDLINE on STN  
AN 96107330 MEDLINE  
DN PubMed ID: 8521515  
TI Coronin involved in phagocytosis: dynamics of particle-induced  
relocalization visualized by a green fluorescent protein Tag:  
AU Maniak M; Rauchenberger R; Albrecht R; Murphy J; Gerisch G  
CS Max-Planck-Institut fur Biochemie, Martinsried, Federal Republic of  
Germany.  
SO Cell, (1995 Dec 15) 83 (6) 915-24.  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960219  
Last Updated on STN: 19980206  
Entered Medline: 19960123

L23 ANSWER 284 OF 310 MEDLINE on STN  
AN 96102222 MEDLINE  
DN PubMed ID: 8524871  
TI Localization, trafficking, and temperature-dependence of the Aequorea  
green fluorescent protein in cultured vertebrate cells.  
AU Ogawa H; Inouye S; Tsuji F I; Yasuda K; Umesono K  
CS Graduate School of Biological Sciences, Nara Institute of Science and  
Technology, Japan.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1995 Dec 5) 92 (25) 11899-903.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960219  
Last Updated on STN: 19980206  
Entered Medline: 19960124

L23 ANSWER 285 OF 310 MEDLINE on STN  
AN 96095634 MEDLINE  
DN PubMed ID: 8526912  
TI Molecular characterisation of recombinant green fluorescent protein by  
fluorescence correlation microscopy.  
AU Terry B R; Matthews E K; Haseloff J  
CS BioImage:S, Soeborg, Denmark.  
SO Biochemical and biophysical research communications, (1995 Dec 5)  
217 (1) 21-7.  
Journal code: 0372516. ISSN: 0006-291X.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960219  
Last Updated on STN: 19980206  
Entered Medline: 19960119

L23 ANSWER 286 OF 310 MEDLINE on STN  
AN 96087099 MEDLINE  
DN PubMed ID: 7498460

TI A rapid and non-invasive selection of transgenic embryos before  
implantation using green fluorescent protein (GFP).  
AU Ikawa M; Kominami K; Yoshimura Y; Tanaka K; Nishimune Y; Okabe M  
CS Research Institute for Microbial Diseases, Osaka University, Japan.  
SO FEBS letters, (1995 Nov 13) 375 (1-2) 125-8.  
Journal code: 0155157. ISSN: 0014-5793.

CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960217  
Last Updated on STN: 19980206  
Entered Medline: 19960117

L23 ANSWER 287 OF 310 MEDLINE on STN  
AN 96086103 MEDLINE  
DN PubMed ID: 8528289

TI Green-fluorescent protein as a new vital marker in plant cells.  
AU Sheen J; Hwang S; Niwa Y; Kobayashi H; Galbraith D W  
CS Department of Molecular Biology, Massachusetts General Hospital, Boston,  
USA.  
SO Plant journal : for cell and molecular biology, (1995 Nov) 8 (5)  
777-84.  
Journal code: 9207397. ISSN: 0960-7412.

CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199601  
ED Entered STN: 19960220  
Last Updated on STN: 19980206  
Entered Medline: 19960129

L23 ANSWER 288 OF 310 MEDLINE on STN  
AN 96074519 MEDLINE  
DN PubMed ID: 7491768

TI Analysis of trafficking of Rev and transdominant Rev proteins in living  
cells using green fluorescent protein fusions: transdominant Rev blocks  
the export of Rev from the nucleus to the cytoplasm.  
AU Stauber R; Gaitanaris G A; Pavlakis G N  
CS Human Retrovirus Section, NCI-FCRDC, Maryland 21702-1201, USA.  
SO Virology, (1995 Nov 10) 213 (2) 439-49.  
Journal code: 0110674. ISSN: 0042-6822.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; AIDS  
EM 199601  
ED Entered STN: 19960125  
Last Updated on STN: 19980206  
Entered Medline: 19960102

L23 ANSWER 289 OF 310 MEDLINE on STN  
 AN 96028300 MEDLINE  
 DN PubMed ID: 7552174  
 TI Chimeric green fluorescent protein as a tool for visualizing subcellular organelles in living cells.  
 AU Rizzuto R; Brini M; Pizzo P; Murgia M; Pozzan T  
 CS Department of Biomedical Sciences, University of Padova, Italy.  
 SO Current biology : CB, (1995 Jun 1) 5 (6) 635-42.  
 Journal code: 9107782. ISSN: 0960-9822.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199511  
 ED Entered STN: 19951227  
 Last Updated on STN: 19990129  
 Entered Medline: 19951103

L23 ANSWER 290 OF 310 MEDLINE on STN  
 AN 96028099 MEDLINE  
 DN PubMed ID: 7585942  
 TI Mei-S332, a Drosophila protein required for sister-chromatid cohesion, can localize to meiotic centromere regions.  
 CM Comment in: Cell. 1995 Oct 20;83(2):157-60. PubMed ID: 7585932  
 AU Kerrebrock A W; Moore D P; Wu J S; Orr-Weaver T L  
 CS Whitehead Institute for Biomedical Research, Cambridge, Massachusetts, USA.  
 SO Cell, (1995 Oct 20) 83 (2) 247-56.  
 Journal code: 0413066. ISSN: 0092-8674.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U36583  
 EM 199511  
 ED Entered STN: 19960124  
 Last Updated on STN: 19980206.  
 Entered Medline: 19951124

L23 ANSWER 291 OF 310 MEDLINE on STN  
 AN 96021854 MEDLINE  
 DN PubMed ID: 7480149  
 TI Green fluorescent protein.  
 AU Chalfie M  
 CS Department of Biological Sciences, Columbia University, New York, NY 10027, USA.  
 SO Photochemistry and photobiology, (1995 Oct) 62 (4) 651-6. Ref: 42  
 Journal code: 0376425. ISSN: 0031-8655.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199512  
 ED Entered STN: 19960124  
 Last Updated on STN: 19980206  
 Entered Medline: 19951213

L23 ANSWER 292 OF 310 MEDLINE on STN  
 AN 96018758 MEDLINE  
 DN PubMed ID: 7556901

TI Green fluorescent fusion proteins: powerful tools for monitoring protein  
 expression in live zebrafish embryos.  
 AU Peters K G; Rao P S; Bell B S; Kindman L A  
 CS Department of Medicine, Duke University Medical Center, Durham, North  
 Carolina 27710, USA.  
 NC HL-02309 (NHLBI)  
 HL-02361 (NHLBI)  
 SO Developmental biology, (1995 Sep) 171 (1) 252-7.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199510  
 ED Entered STN: 19951227  
 Last Updated on STN: 19980206  
 Entered Medline: 19951030

L23 ANSWER 293 OF 310 MEDLINE on STN  
 AN 96018747 MEDLINE  
 DN PubMed ID: 7556889  
 TI The Aequorea victoria green fluorescent protein can be used as a reporter  
 in live zebrafish embryos.  
 AU Amsterdam A; Lin S; Hopkins N  
 CS Department of Biology, Massachusetts Institute of Technology, Cambridge  
 02139, USA.  
 NC CA14051 (NCI)  
 CA19308 (NCI)  
 SO Developmental biology, (1995 Sep) 171 (1) 123-9.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199510  
 ED Entered STN: 19951227  
 Last Updated on STN: 19980206  
 Entered Medline: 19951030

L23 ANSWER 294 OF 310 MEDLINE on STN  
 AN 96015143 MEDLINE  
 DN PubMed ID: 8537302  
 TI Thermosensitivity of green fluorescent protein fluorescence utilized to  
 reveal novel nuclear-like compartments in a mutant nucleoporin NSP1.  
 AU Lim C R; Kimata Y; Oka M; Nomaguchi K; Kohno K  
 CS Research and Education Center for Genetic Information, Nara Institute of  
 Science and Technology.  
 SO Journal of biochemistry, (1995 Jul) 118 (1) 13-7.  
 Journal code: 0376600. ISSN: 0021-924X.  
 CY Japan  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199602  
 ED Entered STN: 19960221  
 Last Updated on STN: 20030130  
 Entered Medline: 19960208

L23 ANSWER 295 OF 310 MEDLINE on STN  
 AN 96011380 MEDLINE  
 DN PubMed ID: 7592342  
 TI Use of green fluorescent protein for visualization of cell-specific gene  
 expression and subcellular protein localization during sporulation in  
 Bacillus subtilis.

AU Webb C D; Decatur A; Teleman A; Losick R  
CS Department of Molecular and Cellular Biology, Harvard University,  
Cambridge, Massachusetts 02138, USA.  
NC GM18568 (NIGMS)  
SO Journal of bacteriology, (1995 Oct) 177 (20) 5906-11.  
Journal code: 2985120R. ISSN: 0021-9193.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199511  
ED Entered STN: 19960124  
Last Updated on STN: 20030318  
Entered Medline: 19951128

L23 ANSWER 296 OF 310 MEDLINE on STN  
AN 95377558 MEDLINE  
DN PubMed ID: 7649398  
TI A nuclear GFP that marks nuclei in living Drosophila embryos;  
maternal supply overcomes a delay in the appearance of zygotic  
fluorescence.  
AU Davis I; Girdham C H; O'Farrell P H  
CS Department of Biochemistry and Biophysics, University of California San  
Francisco 94143-0448, USA.  
SO Developmental biology, (1995 Aug) 170 (2) 726-9.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199509  
ED Entered STN: 19951005  
Last Updated on STN: 19980206  
Entered Medline: 19950925

L23 ANSWER 297 OF 310 MEDLINE on STN  
AN 95377429 MEDLINE  
DN PubMed ID: 7649282  
TI Expression of Aequorea green fluorescent protein in plant cells.  
AU Hu W; Cheng C L  
CS Department of Biological Sciences, University of Iowa, Iowa City 52242,  
USA.  
NC GM46116 (NIGMS)  
SO FEBS letters, (1995 Aug 7) 369 (2-3) 331-4.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199509  
ED Entered STN: 19951005  
Last Updated on STN: 19980206  
Entered Medline: 19950922

L23 ANSWER 298 OF 310 MEDLINE on STN  
AN 95377416 MEDLINE  
DN PubMed ID: 7649270  
TI Visualization of protein transport along the secretory pathway using green  
fluorescent protein.  
AU Kaether C; Gerdes H H  
CS Institute for Neurobiology, University of Heidelberg, Germany.  
SO FEBS letters, (1995 Aug 7) 369 (2-3) 267-71.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-M62653; GENBANK-Y00064  
EM 199509  
ED Entered STN: 19951005  
Last Updated on STN: 19980206  
Entered Medline: 19950922

L23 ANSWER 299 OF 310 MEDLINE on STN  
AN 95354930 MEDLINE  
DN PubMed ID: 7628693

TI p93dis1, which is required for sister chromatid separation, is a novel  
microtubule and spindle pole body-associated protein phosphorylated at  
the Cdc2 target sites.

AU Nabeshima K; Kurooka H; Takeuchi M; Kinoshita K; Nakaseko Y; Yanagida M  
CS Department of Biophysics, Faculty of Science, Kyoto University, Japan.  
SO Genes & development, (1995 Jul 1) 9 (13) 1572-85.  
Journal code: 8711660. ISSN: 0890-9369.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D43948; GENBANK-D55635  
EM 199509  
ED Entered STN: 19950921  
Last Updated on STN: 19980206  
Entered Medline: 19950901

L23 ANSWER 300 OF 310 MEDLINE on STN  
AN 95350206 MEDLINE  
DN PubMed ID: 7624365

TI Green fluorescent protein as a vital marker and reporter of gene  
expression in Drosophila.

AU Yeh E; Gustafson K; Boulianne G L  
CS Department of Physiology and Zoology, University of Toronto, ON, Canada.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1995 Jul 18) 92 (15) 7036-40.  
Journal code: 7505876. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199508  
ED Entered STN: 19950911  
Last Updated on STN: 19980206  
Entered Medline: 19950831

L23 ANSWER 301 OF 310 MEDLINE on STN  
AN 95348186 MEDLINE  
DN PubMed ID: 7622564

TI Analysis of MAP 4 function in living cells using green fluorescent protein  
(GFP) chimeras.

AU Olson K R; McIntosh J R; Olmsted J B  
CS Department of Biology, University of Rochester, New York 14627, USA.  
NC GM22214 (NIGMS)  
GM36663 (NIGMS)  
SO Journal of cell biology, (1995 Aug) 130 (3) 639-50.  
Journal code: 0375356. ISSN: 0021-9525.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199508



ED Entered STN: 19950911  
Last Updated on STN: 19980206  
Entered Medline: 19950829

L23 ANSWER 302 OF 310 MEDLINE on STN  
AN 95322993 MEDLINE  
DN PubMed ID: 7599646  
TI Jellyfish green fluorescent protein as a reporter for virus infections.  
AU Baulcombe D C; Chapman S; Santa Cruz S  
CS Sainsbury Laboratory, Norwich, UK.  
SO Plant journal : for cell and molecular biology, (1995 Jun) 7 (6)  
1045-53.  
Journal code: 9207397. ISSN: 0960-7412.

CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199508  
ED Entered STN: 19950822  
Last Updated on STN: 19980206  
Entered Medline: 19950808

L23 ANSWER 303 OF 310 MEDLINE on STN  
AN 95301115 MEDLINE  
DN PubMed ID: 7781915  
TI Monitoring development and pathology of Drosophila indirect flight muscles  
using green fluorescent protein.  
AU Barthmaier P; Fyrberg E  
CS Department of Biology, Johns Hopkins University, Baltimore, Maryland  
21218, USA.  
SO Developmental biology, (1995 Jun) 169 (2) 770-4.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199507  
ED Entered STN: 19950726  
Last Updated on STN: 19980206  
Entered Medline: 19950717

L23 ANSWER 304 OF 310 MEDLINE on STN  
AN 95161053 MEDLINE  
DN PubMed ID: 7531985  
TI The jellyfish green fluorescent protein: a new tool for studying ion  
channel expression and function.  
AU Marshall J; Molloy R; Moss G W; Howe J R; Hughes T E  
CS Department of Pharmacology, Yale University School of Medicine, New Haven,  
Connecticut 06520.  
NC R01 EY08362 (NEI)  
R01 NS30996 (NINDS)  
SO Neuron, (1995 Feb) 14 (2) 211-5.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199503  
ED Entered STN: 19950404  
Last Updated on STN: 19980206  
Entered Medline: 19950320

L23 ANSWER 305 OF 310 MEDLINE on STN  
AN 95107985 MEDLINE

DN PubMed ID: 7809066  
 TI Wavelength mutations and posttranslational autoxidation of green fluorescent protein.  
 AU Heim R; Prasher D C; Tsien R Y  
 CS Howard Hughes Medical Institute, University of California, San Diego, La Jolla 92093-0647.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1994 Dec 20) 91 (26) 12501-4.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199502  
 ED Entered STN: 19950215  
 Last Updated on STN: 19980206  
 Entered Medline: 19950202

L23 ANSWER 306 OF 310 MEDLINE on STN  
 AN 94255015 MEDLINE  
 DN PubMed ID: 7910952  
 TI Implications for bcd mRNA localization from spatial distribution of exu protein in Drosophila oogenesis.  
 AU Wang S; Hazelrigg T  
 CS Department of Biological Sciences, Columbia University, New York, New York 10027.  
 SO Nature, (1994 Jun 2) 369 (6479) 400-03.  
 Journal code: 0410462. ISSN: 0028-0836.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199406  
 ED Entered STN: 19940707  
 Last Updated on STN: 20021227  
 Entered Medline: 19940624

L23 ANSWER 307 OF 310 MEDLINE on STN  
 AN 93192221 MEDLINE  
 DN PubMed ID: 8448132  
 TI Chemical structure of the hexapeptide chromophore of the Aequorea green-fluorescent protein.  
 AU Cody C W; Prasher D C; Westler W M; Prendergast F G; Ward W W  
 CS Department of Biochemistry & Microbiology, Rutgers University, Cook College, New Brunswick, New Jersey 08903.  
 SO Biochemistry, (1993 Feb 9) 32 (5) 1212-8.  
 Journal code: 0370623. ISSN: 0006-2960.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199304  
 ED Entered STN: 19930423  
 Last Updated on STN: 19980206  
 Entered Medline: 19930413

L23 ANSWER 308 OF 310 USPATFULL on STN  
 AN 2002:311083 USPATFULL  
 TI Use of the green fluorescent protein as a screenable marker for plant transformation  
 IN Gordan-Kamm, William, Urbandale, IA, United States  
 Pierce, Dorothy A., Urbandale, IA, United States  
 Bowen, Benjamin, Des Moines, IA, United States  
 Bidney, Dennis, Urbandale, IA, United States

Ross, Margit, Johnston, IA, United States  
Scelonge, Christopher, Des Moines, IA, United States  
Miller, Michael D., Winterset, IA, United States  
Sandahl, Gary, West Des Moines, IA, United States  
Wang, Lijuan, Urbandale, IA, United States  
PA Pioneer Hi-Bred International, Inc., Des Moines, IA, United States (U.S.  
corporation).

PI US 6486382 B1 20021126  
WO 9741228 19971106 <--  
AI US 1999-214909 19991220 (9)  
WO 1997-US7688 19970501  
19991220 PCT 371 date

PRAI US 1996-16345P 19960501 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Nelson, Amy J.; Assistant Examiner: Mehta, Ashwin  
LREP Pioneer Hi-Bred International, Inc.  
CLMN Number of Claims: 33  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Figure(s); 6 Drawing Page(s)  
LN.CNT 2758  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L23 ANSWER 309 OF 310 USPATFULL on STN  
AN 2002:246578 USPATFULL  
TI Method and compositions for monitoring DNA binding molecules in living  
cells  
IN Htun, Han, 3742 Jasmine Ave., Apt. #212, Los Angeles, CA, United States  
90034  
Hager, Gordon L., Garrett Park, MD, United States  
PA Htun, Han, Los Angeles, CA, United States (U.S. individual)  
The United States of America as represented by the Department of Health  
and Human Services, Washington, DC, United States (U.S. government)  
PI US 6455300 B1 20020924  
WO 9720931 19970612 <--  
AI US 1999-91042 19990212 (9)  
WO 1996-US19516 19961206  
19990212 PCT 371 date

DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Sisson, Bradley L.  
LREP Mandel & Adriano  
CLMN Number of Claims: 1  
ECL Exemplary Claim: 1  
DRWN 9 Drawing Figure(s); 5 Drawing Page(s)  
LN.CNT 2835  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L23 ANSWER 310 OF 310 USPATFULL on STN  
AN 97:36308 USPATFULL  
TI Modified green fluorescent proteins  
IN Tsien, Roger Y., La Jolla, CA, United States  
Heim, Roger, Del Mar, CA, United States  
PA The Regents of the University of California, United States (U.S.  
corporation)  
PI US 5625048 19970429 <--  
AI US 1994-337915 19941110 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Chambers, Jasmine C.; Assistant Examiner: Priebe,  
Scott D.  
LREP Townsend and Townsend and Crew, L.L.P.  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1

DRWN 10 Drawing Figure(s); 6 Drawing Page(s)  
LN.CNT 690  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> D COST

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
14.55	18.77
1.26	1.98
7.56	530.06
178.88	178.88

FULL ESTIMATED COST

202.25 729.69

IN FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, JAPIO, SCISEARCH, EMBASE'  
AT 11:37:03 ON 01 FEB 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653SXS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 4 OCT 28 KOREAPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
February 2005  
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian  
Agency for Patents and Trademarks (ROSPATENT)  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 11:07:07 ON 02 FEB 2005

Connecting via Winsock to STN

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PASSWORD:

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NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
February 2005  
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian  
Agency for Patents and Trademarks (ROSPATENT)  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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=> S YLhTQSALS KDPNEKRDH MVLEFV/SQSP

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'REGISTRY' ENTERED AT 11:08:15 ON 02 FEB 2005

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STRUCTURE FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4

DICTIONARY FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S YLhTQSALS KDPNEKRDH MVLEFV/SQSP

L1 14 YLHTQSALS KDPNEKRDH MVLEFV/SQSP

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE  
'EUROPATFULL' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):ignore

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

27.93

28.35

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FILE 'PCTFULL' ENTERED AT 11:08:45 ON 02 FEB 2005

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FILE 'USPATFULL' ENTERED AT 11:08:45 ON 02 FEB 2005

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FILE 'EMBASE' ENTERED AT 11:08:45 ON 02 FEB 2005  
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=> s l1

'SQSP' IS NOT A VALID FIELD CODE

'SQSP' IS NOT A VALID FIELD CODE

'SQSP' IS NOT A VALID FIELD CODE

L2 3 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 3 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 bib 1-3

L3 ANSWER 1 OF 3 USPATFULL on STN

AN 2004:178444 USPATFULL

TI Hybrid molecules and their use for optically detecting changes in  
cellular microenvironments

IN Miesenbock, Gero, New York, NY, UNITED STATES

De Angelis, Dino, New York, NY, UNITED STATES

Rothman, James E., New York, NY, UNITED STATES

PI US 2004137611 A1 20040715

AI US 2003-676428 A1 20030930 (10)

RLI Division of Ser. No. US 1998-23946, filed on 13 Feb 1998, GRANTED, Pat.  
No. US 6670449

PRAI WO 1998-US2774 19980213

US 1997-38179P 19970213 (60)

US 1997-36805P 19970214 (60)

DT Utility

FS APPLICATION

LREP MORGAN & FINNEGAN, L.L.P., 345 Park Avenue, New York, NY, 10154-0053

CLMN Number of Claims: 101

ECL Exemplary Claim: 1

DRWN 55 Drawing Page(s)

LN.CNT 3470

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 3 USPATFULL on STN

AN 2003:337322 USPATFULL

TI Hybrid molecules and their use for optically detecting changes in  
cellular microenvironments

IN Miesenbock, Gero, New York, NY, United States

De Angelis, Dino, New York, NY, United States

Rothman, James E., New York, NY, United States

PA Memorial Sloan-Kettering Cancer Center, New York, NY, United States  
(U.S. corporation)

PI US 6670449 B1 20031230

AI US 1998-23946 19980213 (9)

PRAI US 1997-38179P 19970213 (60)

US 1997-36805P 19970214 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Carlson, Karen Cochrane; Assistant Examiner: Snedden,  
Sheridan

LREP Morgan & Finnegan, LLP

CLMN Number of Claims: 32



ECL Exemplary Claim: 1  
DRWN 82 Drawing Figure(s); 55 Drawing Page(s)  
LN.CNT 3275  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1998:568934 CAPLUS  
DN 129:185778  
TI Fusion proteins of secretory vesicle proteins and light-generating  
reporter proteins for optical detection of changes in cellular  
microenvironments  
IN Miesenbock, Gero; Rothman, James E.; De Angelis, Dino A.  
PA Memorial Sloan-Kettering Cancer Center, USA  
SO PCT Int. Appl., 127 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9836081	A2	19980820	WO 1998-US2774	19980213
	WO 9836081	A3	19990114		
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2281648	AA	19980820	CA 1998-2281648	19980213
	EP 981633	A2	20000301	EP 1998-905065	19980213
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001512316	T2	20010821	JP 1998-535929	19980213
	US 6670449	B1	20031230	US 1998-23946	19980213
	US 2004137611	A1	20040715	US 2003-676428	20030930
PRAI	US 1997-38179P	P	19970213		
	US 1997-36805P	P	19970214		
	US 1998-23946	A3	19980213		
	WO 1998-US2774	W	19980213		